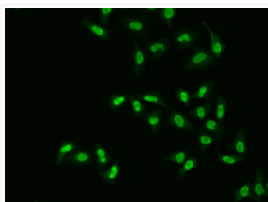
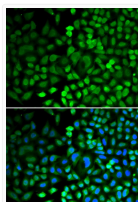


## Anti-APEX1 antibody (1-318) (STJ22638)

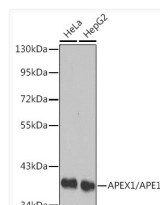
| GENERAL INFORMATION    |                     |                                                                                                                                                                                                                                                                 |
|------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | Product Type        | Primary antibodies                                                                                                                                                                                                                                              |
|                        | Applications        | WB/IF/ICC/ELISA                                                                                                                                                                                                                                                 |
|                        | Host / Source       | Rabbit                                                                                                                                                                                                                                                          |
|                        | Reactivity          | Human                                                                                                                                                                                                                                                           |
| PRODUCT PROPERTIES     |                     |                                                                                                                                                                                                                                                                 |
|                        | Clonality           | Polyclonal                                                                                                                                                                                                                                                      |
|                        | Concentration       | Lot specific                                                                                                                                                                                                                                                    |
|                        | Conjugation         | Unconjugated                                                                                                                                                                                                                                                    |
|                        | Purification        | Affinity purification                                                                                                                                                                                                                                           |
|                        | Dilution Range      | WB:1:500-1:2000<br>IF/ICC:1:50-1:100<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.                                                                                     |
|                        | Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                                                                                                              |
|                        | Isotype             | IgG                                                                                                                                                                                                                                                             |
|                        | Molecular Weight    | Protein Mw: 36kDa<br>Observed Mw: 39kDa                                                                                                                                                                                                                         |
|                        | Storage Instruction | Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                                                                                   |
| TARGET INFORMATION     |                     |                                                                                                                                                                                                                                                                 |
|                        | Gene ID             | <a href="#">328</a>                                                                                                                                                                                                                                             |
|                        | Gene Symbol         | <a href="#">APEX1</a>                                                                                                                                                                                                                                           |
|                        | UniProt ID          | <a href="#">APEX1_HUMAN</a>                                                                                                                                                                                                                                     |
|                        | Immunogen Region    | 1-318                                                                                                                                                                                                                                                           |
|                        | Immunogen Sequence  | MPKRGKKGAVAEDGDEL RTE PEAKKSKTAAKKNDKEAAGE GPALYEDPPDQKTSPSGKPA TLKICSWNV DGLRAWIKKKG LDWVKKEEAPDILCLQETKCS ENKLPAELQELPGLSHQYWS APSDKEGYSGVGLLSRQCPL KVSYGIGDDEEHDQEGRVIVA EFDSFVLVTAYVNPAGRGLV RLEYRQRWDEAFRKFLKGLA SRKPLVLCGDLNVAHEEIDL RNPKGNNKKNAGFTPQERQG |
|                        | Specificity         | Recombinant fusion protein containing a sequence corresponding to amino acids 1-318 of human APEX1/APE1 (NP_542380.1).                                                                                                                                          |
| ADDITIONAL INFORMATION |                     |                                                                                                                                                                                                                                                                 |
|                        | Note                | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.                                                                                                                                         |



Immunofluorescence analysis of A549 cells using APEX1/APE1 Rabbit polyclonal antibody (STJ22638). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution.



Immunofluorescence analysis of HeLa cells using APEX1/APE1 Rabbit polyclonal antibody (STJ22638). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using APEX1/APE1 Rabbit polyclonal antibody (STJ22638). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST.