

## Anti-IER3 antibody (50-150) (STJ111301)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/IHC-P/ELISA     |
| Host / Source | Rabbit             |
| Reactivity    | Human/Mouse        |

### PRODUCT PROPERTIES

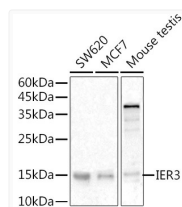
|                     |                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                              |
| Concentration       | Lot specific                                                                                                                                                            |
| Conjugation         | Unconjugated                                                                                                                                                            |
| Purification        | Affinity purification                                                                                                                                                   |
| Dilution Range      | WB:1:100-1:500<br>IHC-P:1:50-1:100<br>ELISA:Recommended starting concentration is 1 µg/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: 17kDa<br>Observed Mw: 17kDa                                                                                                                                 |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                          |

### TARGET INFORMATION

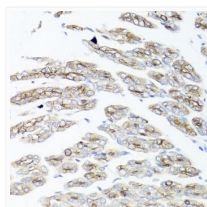
|                    |                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">8870</a>                                                                                           |
| Gene Symbol        | <a href="#">IER3</a>                                                                                           |
| UniProt ID         | <a href="#">IEX1_HUMAN</a>                                                                                     |
| Immunogen Region   | 50-150                                                                                                         |
| Immunogen Sequence | GRPSASRGHRKRSRRVLYPR VVRRQLPVEEPNPAKRLFL LLTIVFCQILMAEEGVPAPL<br>PPEDAPNAAASLAPTPVSAVL EPFNLTSSEPSDYALDLSTFL Q |
| Specificity        | A synthetic peptide corresponding to a sequence within amino acids 50-150 of human IER3 (NP_003888.2).         |

### ADDITIONAL INFORMATION

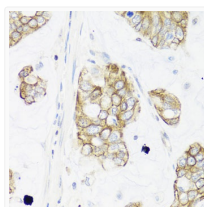
**Note** STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using IER3 Rabbit pAb (STJ111301) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Mouse stomach using IER3 Rabbit pAb (STJ111301) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using IER3 Rabbit pAb (STJ111301) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.