

## Anti-RPN1 antibody (20-280) (STJ114371)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

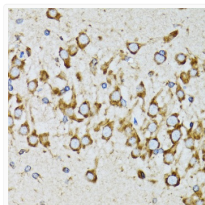
|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                               |
| Concentration       | Lot specific                                                                                                                                                             |
| Conjugation         | Unconjugated                                                                                                                                                             |
| Purification        | Affinity purification                                                                                                                                                    |
| Dilution Range      | WB:1:500-1:2000<br>IHC-P:1:50-1:200<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: 69kDa<br>Observed Mw: 68kDa                                                                                                                                  |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                           |

### TARGET INFORMATION

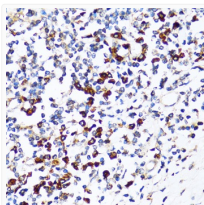
|                    |                                                                                                                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">6184</a>                                                                                                                                                                                                                                               |
| Gene Symbol        | <a href="#">RPN1</a>                                                                                                                                                                                                                                               |
| UniProt ID         | <a href="#">RPN1_HUMAN</a>                                                                                                                                                                                                                                         |
| Immunogen Region   | 20-280                                                                                                                                                                                                                                                             |
| Immunogen Sequence | APGSASSEAPPLINEDVKRT VDLSSHLAKVTAEVVLAHLG GGSTSRATSFLLALEPELEA<br>RLAHLGVQVKGEDEEENLE VRETKIKGKSGRFFTVKLPV ALDPGAKISVIVETVYTHVL<br>HPYPTQITQSEKQFVVFEGN HYFYSPYPTKTQTMRVKLAS RNVESYTKLGNPTRSEDLDD<br>YGPFRDVPAYSQDTFKVHYE NNSPFLTITSMTRVIEVSHW GNIAVEENVDLKHTGAVLK |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 20-280 of human RPN1 (NP_002941.1).                                                                                                                                                  |

### ADDITIONAL INFORMATION

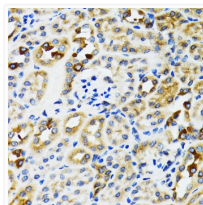
|      |                                                                                                                         |
|------|-------------------------------------------------------------------------------------------------------------------------|
| Note | STRICTLY FOR FURTHER SCIENTIFIC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



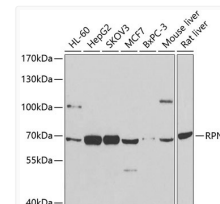
Immunohistochemistry analysis of paraffin-embedded mouse brain using RPN1 antibody (STJ114371) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human tonsil using RPN1 antibody (STJ114371) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat kidney using RPN1 antibody (STJ114371) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using RPN1 antibody (STJ114371) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.