

## RPN1 Polyclonal Antibody

**Catalog No.** E-AB-64211

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

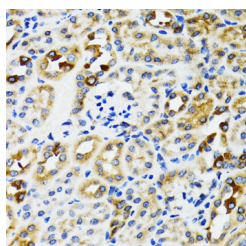
### Description

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| <b>Reactivity</b>   | Human, Mouse, Rat                                       |
| <b>Immunogen</b>    | Recombinant fusion protein of human RPN1 (NP_002941.1). |
| <b>Host</b>         | Rabbit                                                  |
| <b>Isotype</b>      | IgG                                                     |
| <b>Purification</b> | Affinity purification                                   |
| <b>Conjugation</b>  | Unconjugated                                            |
| <b>Buffer</b>       | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.       |

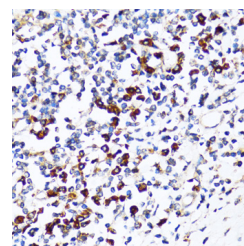
### Applications Recommended Dilution

**IHC** 1:50-1:200

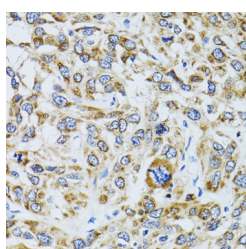
### Data



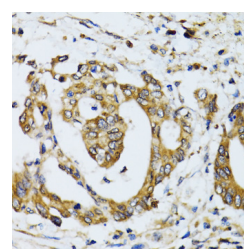
Immunohistochemistry of paraffin-embedded Rat kidney using RPN1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human tonsil using RPN1 Polyclonal Antibody at dilution of 1:100 (40x lens).

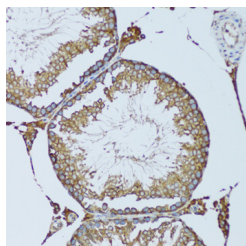


Immunohistochemistry of paraffin-embedded Human liver cancer using RPN1 Polyclonal Antibody at dilution of 1:100 (40x lens).

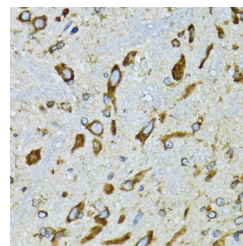


Immunohistochemistry of paraffin-embedded Human colon carcinoma using RPN1 Polyclonal Antibody at dilution of 1:100 (40x lens).

### For Research Use Only



Immunohistochemistry of paraffin-embedded Mouse testis using RPN1 Polyclonal Antibody at dilution of 1:100 (20x lens).



Immunohistochemistry of paraffin-embedded Mouse spinal cord using RPN1 Polyclonal Antibody at dilution of 1:100 (40x lens).

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

This gene encodes a type I integral membrane protein found only in the rough endoplasmic reticulum. The encoded protein is part of an N-oligosaccharyl transferase complex that links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser/Thr consensus motif of nascent polypeptide chains. This protein forms part of the regulatory subunit of the 26S proteasome and may mediate binding of ubiquitin-like domains to this proteasome.