

## Anti-JPT1 antibody

<b>Cat. No.</b>	ml225592
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-JPT1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Fusion protein of human JPT1
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	JPT1
<b>Full name</b>	Jupiter microtubule associated homolog 1
<b>Synonyms</b>	HN1; ARM2; HN1A
<b>Swissprot</b>	Q9UK76

### Target Background

Modulates negatively AKT-mediated GSK3B signaling (PubMed:21323578, PubMed:22155408). Induces CTNNB1 'Ser-33' phosphorylation and degradation through the suppression of the inhibitory 'Ser-9' phosphorylation of GSK3B, which represses the function of the APC:CTNNB1:GSK3B complex and the interaction with CDH1/E-cadherin in adherent junctions (PubMed:25169422). Plays a role in the regulation of cell cycle and cell adhesion (PubMed:25169422, PubMed:25450365). Has an inhibitory role on AR-signaling pathway through the induction of receptor proteosomal degradation (PubMed:22155408).

订购热线: 4008-898-798

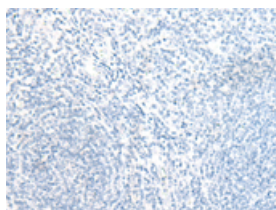
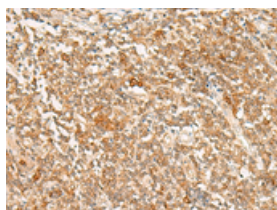
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus and Cell membrane

Positive control: Human tonsil

Recommended dilution: 40-200

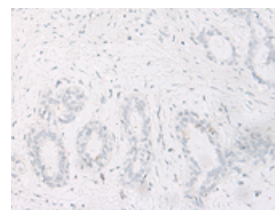
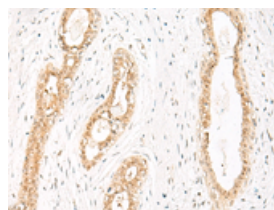


The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml225592(JPT1 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Nucleus and Cell membrane

Positive control: Human breast cancer

Recommended dilution: 40-200



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml225592(JPT1 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### ELISA

Recommended dilution: 5000-10000

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