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HN1 Rabbit mAb

Catalog # AP78850

Product Information

Application	WB, IF, FC, ICC
Primary Accession	Q9UK76
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human HN1
Purification	Affinity Chromatography
Calculated MW	16015

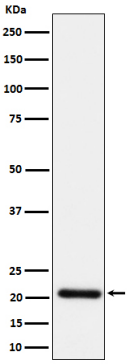
Additional Information

Gene ID	51155
Other Names	JPT1
Dilution	WB~~1/500-1/1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	JPT1 (HGNC:14569)
Function	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 proteasomal degradation (PubMed:22155408).
Cellular Location	Nucleus. Cytoplasm
Tissue Location	Expressed in testis, skeletal muscle, thymus, prostate, colon, peripheral blood cells, brain and placenta

Images



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