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HN1 Antibody

Rabbit mAb
Catalog # AP93131

Product Information

Application	WB, FC
Primary Accession	Q9UK76
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	ARM2; HN1; HN1A;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	16015

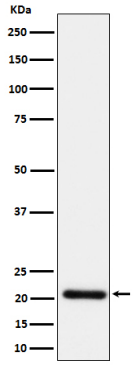
Additional Information

Dilution	WB 1:500~1:2000 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human HN1
Description	Modulates negatively AKT-mediated GSK3B signaling (PubMed:21323578, PubMed:22155408).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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



Western blot analysis of HN1 expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.