

HN1 Antibody
Rabbit mAb
Catalog # AP93131**Specification**

HN1 Antibody - Product Information

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

HN1 Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50
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.

HN1 Antibody - 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

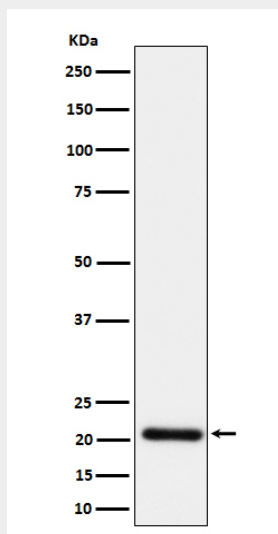
Tissue Location

Expressed in testis, skeletal muscle, thymus, prostate, colon, peripheral blood cells, brain and placenta

HN1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HN1 Antibody - Images

Western blot analysis of HN1 expression in HeLa cell lysate.