

HN1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14797c**Specification**

HN1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9UK76](#)**HN1 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 51155

Other Names

Hematological and neurological expressed 1 protein, Androgen-regulated protein 2, Hematological and neurological expressed 1 protein, N-terminally processed, HN1, ARM2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HN1 Antibody (Center) Blocking Peptide - Protein InformationName JPT1 ([HGNC:14569](#))**Function**

Modulates negatively AKT-mediated GSK3B signaling (PubMed: [21323578](http://www.uniprot.org/citations/21323578), PubMed: [22155408](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/25169422)). Plays a role in the regulation of cell cycle and cell adhesion (PubMed: [25169422](http://www.uniprot.org/citations/25169422), PubMed: [25450365](http://www.uniprot.org/citations/25450365)). Has an inhibitory role on AR-signaling pathway through the induction of receptor proteasomal degradation (PubMed: [22155408](http://www.uniprot.org/citations/22155408)).

Cellular Location

Nucleus. Cytoplasm

Tissue Location

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

HN1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HN1 Antibody (Center) Blocking Peptide - Images

HN1 Antibody (Center) Blocking Peptide - Background

HN1 belongs to the HN1 family.

HN1 Antibody (Center) Blocking Peptide - References

Laughlin, K.M., et al. Pathol. Oncol. Res. 15(3):437-444(2009) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Zougman, A., et al. J. Proteome Res. 5(4):925-934(2006) Zhou, G., et al. Gene 331, 115-123 (2004) :