

HN1L Rabbit pAb

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Catalog # AP59130

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H910
Predicted	Rat, Pig, Dog, Human, Mouse, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20063
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HN1L
Epitope Specificity	141-190/190
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Nucleus
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	bs-9070P is one synthetic peptide derived from human HN1L. Hematological and neurological expressed 1-like (HN1L) protein is an evolutionarily conserved protein that plays an important role in embryonic development.

Additional Information

Gene ID	90861
Other Names	Jupiter microtubule associated homolog 2 {ECO:0000312 HGNC:HGNC:14137}, Hematological and neurological expressed 1-like protein, HN1-like protein, JPT2 (HGNC:14137)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	JPT2 (HGNC:14137)
Function	Nicotinic acid adenine dinucleotide phosphate (NAADP) binding protein required for NAADP-evoked intracellular calcium release (PubMed: 33758061 ,

PubMed:[33758062](#)). Confers NAADP-sensitivity to the two pore channels (TPCs) complex (PubMed:[33758061](#)). Enables NAADP to activate Ca(2+) release from the endoplasmic reticulum through ryanodine receptors (PubMed:[33758062](#)).

Cellular Location	Cytoplasm. Nucleus Note=Colocalizes with type 1 ryanodine receptor (RYR1)
Tissue Location	Expressed in liver, kidney, prostate, testis and uterus.

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