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NXPH4 Rabbit pAb

Catalog # AP99026

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O95158
Other Accession	O95158
Reactivity	Rat
Predicted	Pig, Human, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33065
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NXPH4
Epitope Specificity	241-308/308
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SIMILARITY	Belongs to the neurexophilin family.
Post-translational modifications	May be proteolytically processed at the boundary between the N-terminal non-conserved and the central conserved domain in neuron-like cells.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	NXPH4 is a neurexophilin. Mammalian brains contain four different neurexophilin proteins. Neurexophilins form a family of related glycoproteins that are proteolytically processed after synthesis and bind to alpha neurexins. The structure and characteristics of neurexophilins indicate that they function as neuropeptides that may signal via alpha neurexins and possibly other receptors.

Additional Information

Gene ID	11247
Other Names	NPH4; NXPH4_HUMAN; NXPH4; NXPH4_RAT; neurexophilin 4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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

NXPH4

Name	
Synonyms	NPH4
Function	May be signaling molecules that resemble neuropeptides and that act by binding to alpha-neurexins and possibly other receptors.
Cellular Location	Secreted.
Tissue Location	Expressed in brain, spleen, and testis.

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