

Rabbit NXPH4 Polyclonal Antibody | anti-NXPH4 antibody

NXPH4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324894	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

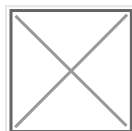
PRODUCT SYNONYMS

NXPH4; Polyclonal Antibody; NXPH4 Antibody; Neurexophilin 4; NPH4; NXPH 4; anti-NXPH4 antibody

PRODUCT SPECIFICATIONS

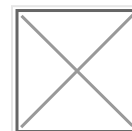
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NXPH4 antibody detects endogenous levels of total NXPH4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	308
Applicable Applications for anti-NXPH4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted
Tissue Specificity	Expressed in brain, spleen, and testis.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA324894 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324894 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

**WB (Western Blot)**

Western blot analysis of extracts from hepg2, using NXPH4 Antibody. Lane 1 was treated with the blocking peptide.

**WB (Western Blot)**

Western blot analysis of extracts from COLO cells using NXPH4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NXPH4 antibody

Function: May be signaling molecules that resemble neuropeptides and that act by binding to alpha-neurexins and possibly other receptors.
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.
Similarity: Belongs to the neurexophilin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39930315
NCBI GeneID	11247
NCBI Accession #	NP_009155.1
NCBI GenBank Nucleotide #	NM_007224.3
UniProt Accession #	O95158; Q7Z6L3; Q8N462; A8K4I4
Molecular Weight	Observed: 33 kD Predicted: 34 kDa
NCBI Official Full Name	neurexophilin-4
NCBI Official Synonym Full Names	neurexophilin 4
NCBI Official Symbol	NXPH4
NCBI Official Synonym Symbols	NPH4
NCBI Protein Information	neurexophilin-4
UniProt Protein Name	Neurexophilin-4
UniProt Gene Name	NXPH4
UniProt Synonym Gene Names	NPH4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nxph4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324894>