

Rabbit Neurotrypsin Polyclonal Antibody | anti-PRSS12 antibody

Neurotrypsin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39249	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

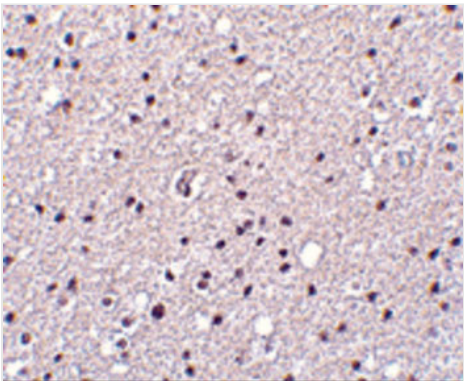
PRODUCT SYNONYMS

Neurotrypsin; Polyclonal Antibody; Neurotrypsin Antibody; MRT1; BSSP3; BSSP-3; Leydin; protease; serine; 12 (neurotrypsin; motopsin); anti-PRSS12 antibody

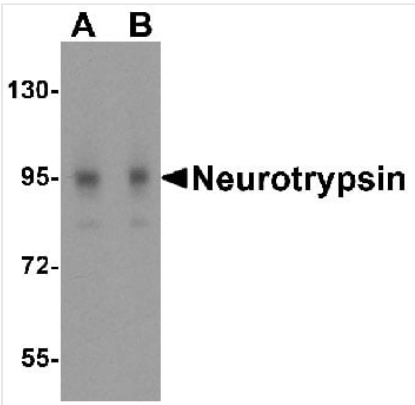
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Neurotrypsin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	875
Applicable Applications for anti-PRSS12 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Neurotrypsin antibody was raised against a 23 amino acid synthetic peptide from near the amino terminus of human neurotrypsin. The immunogen is located within amino acids 110-160 of Neurotrypsin
Positive Control	- (NIH) Cell Lysate - Human Brain Tissue Slide
Preparation and Storage	Neurotrypsin antibody can be stored at 4° for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

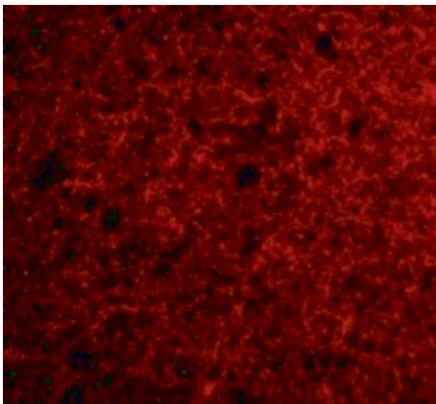
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of Neurotrypsin in human brain tissue with Neurotrypsin antibody at 2.5 μg/mL.



WB (Western Blot)
Neurotrypsin AntibodyWestern blot analysis of neurotrypsin in 3T3 cell lysate with neurotrypsin antibody at (A) 0.25 and (B) 0.5 μg/mL.



IF (Immunofluorescence)
Immunofluorescence of Neurotrypsin in Human Brain cells with Neurotrypsin antibody at 20 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PRSS12 antibody	Neurotrypsin Antibody: Neurotrypsin is a central nervous system-expressed serine protease whose truncation or absence causes nonsyndromic mental retardation. It is most prominently expressed in structures that are involved in the processing and storage of learned behavior and memory, such as the cerebral cortex, the hippocampus, and amygdala. Evidence suggests that neurotrypsin has multiple functions, including axonal outgrowth, maintaining neuronal plasticity, and arranging the perineuronal environment, partly in coordination with other proteases including tissue plasminogen activator. At least two isoforms of neurotrypsin are known to exist.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2661424
NCBI GeneID	8492
UniProt Accession #	P56730; Q9UP16
Molecular Weight	Predicted: 96 kDa Observed: 96 kDa
NCBI Official Full Name	neurotrypsin
NCBI Official Synonym Full Names	protease, serine, 12 (neurotrypsin, motopsin)
NCBI Official Symbol	PRSS12
NCBI Official Synonym Symbols	MRT1; BSSP3; BSSP-3

NCBI Protein Information	neurotrypsin; leydin; brain-specific serine protease 3
UniProt Protein Name	Neurotrypsin
UniProt Gene Name	PRSS12
UniProt Entry Name	NETR_HUMAN

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/neurotrypsin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39249>