

Rabbit Neurotrypsin Polyclonal Antibody | anti-PRSS12 antibody

Neurotrypsin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304699	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

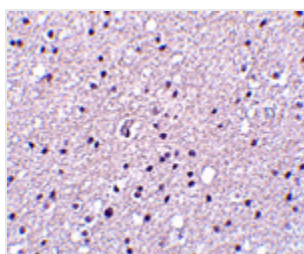
PRODUCT SYNONYMS

Neurotrypsin; Polyclonal Antibody; Neurotrypsin Antibody; Motopsin; Protease serine 12; PRSS12; MRT1; BSSP3; anti-PRSS12 antibody

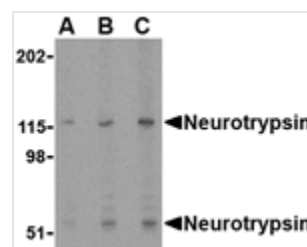
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	875
Applicable Applications for anti-PRSS12 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 23 amino acid peptide from near the amino terminus of human neurotrypsin.
Target Name	Neurotrypsin
Preparation and Storage	Can be stored at -20 degree C, stable for 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 ug/mL.


WB (Western Blot)

Western blot analysis of neurotrypsin in SK-N-SH cell lysate with neurotrypsin antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PRSS12 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.

Product Categories/Family for anti-PRSS12 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	2661424
UniProt Accession #	P56730; Q9UP16
Molecular Weight	97,067 Da
NCBI Official Full Name	neurotrypsin
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://www.aaabiotech.com/polyclonal/neurotrypsin-antibody-immunohistochemistry-western-blot-elisa/304699>