

Rabbit anti-Mouse, Rat SERPINI1 Polyclonal Antibody | anti-SERPINI1 antibody

SERPINI1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311249	Rabbit	Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

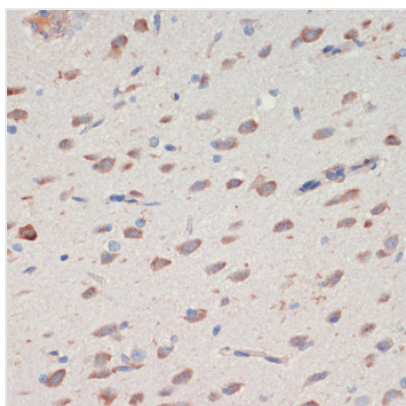
PRODUCT SYNONYMS

SERPINI1; Polyclonal Antibody; SERPINI1 Polyclonal Antibody; PI12; neuroserpin; anti-SERPINI1 antibody

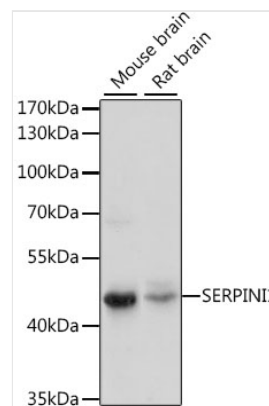
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-SERPINI1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human SERPINI1 (NP_005016.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using SERPINI1 antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SERPINI1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SERPINI1 antibody	This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. The protein is primarily secreted by axons in the brain, and preferentially reacts with and inhibits tissue-type plasminogen activator. It is thought to play a role in the regulation of axonal growth and the development of synaptic plasticity. Mutations in this gene result in familial encephalopathy with neuroserpin inclusion bodies (FENIB), which is a dominantly inherited form of familial encephalopathy and epilepsy characterized by the accumulation of mutant neuroserpin polymers. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-SERPINI1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826904
NCBI GeneID	5274
NCBI Accession #	NP_005016.1
NCBI GenBank Nucleotide #	NM_005025.4
UniProt Accession #	Q99574; Q6AHZ4; A8K217; D3DNP1
Molecular Weight	46,427 Da
NCBI Official Full Name	neuroserpin
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade I (neuroserpin), member 1
NCBI Official Symbol	SERPINI1
NCBI Official Synonym Symbols	PI12; neuroserpin
NCBI Protein Information	neuroserpin; PI-12; serpin I1; peptidase inhibitor 12; serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 1
UniProt Protein Name	Neuroserpin
UniProt Gene Name	SERPINI1
UniProt Synonym Gene Names	PI12; PI-12
UniProt Entry Name	NEUS_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/serpini1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/311249>