



Human SERPINI1 blocking peptide (CDBP2020)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Neuroserpin antibody
Antigen Description	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. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SERPINI1 serpin peptidase inhibitor, clade I (neuroserpin), member 1 [Homo sapiens (human)]
Official Symbol	SERPINI1

Synonyms	SERPINI1; serpin peptidase inhibitor, clade I (neuroserpin), member 1; PI12; neuroserpin; neuroserpin; PI-12; serpin I1; peptidase inhibitor 12; serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 1;
Entrez Gene ID	5274
mRNA Refseq	NM_001122752.1
Protein Refseq	NP_001116224.1
UniProt ID	Q99574
Chromosome Location	3q26.1
Pathway	Validated targets of C-MYC transcriptional activation, organism-specific biosystem;
Function	serine-type endopeptidase inhibitor activity;
