

ARG63768 anti-Neuroserpin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Neuroserpin
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Pig
Tested Application	IHC-P, WB
Specificity	Reported variants represent identical protein (NP_005016.1; NP_001116224.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Neuroserpin
Species	Human
Immunogen	C-TMNTSGHDFEEL
Conjugation	Un-conjugated
Alternate Names	Peptidase inhibitor 12; neuroserpin; Neuroserpin; Serpin I1; PI12; PI-12

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 5274 Human](#)

[Swiss-port # Q99574 Human](#)

Background

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]

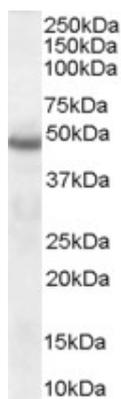
Research Area

Neuroscience antibody

Calculated Mw

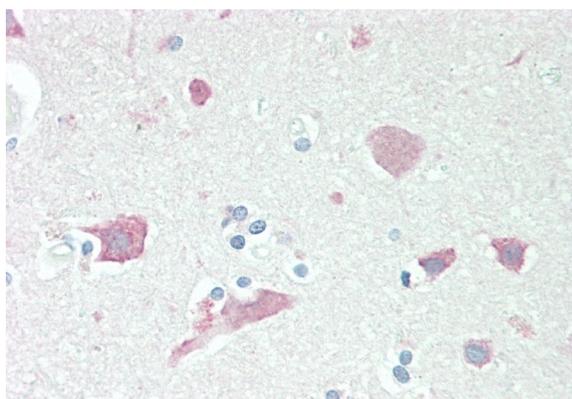
46 kDa

Images



ARG63768 anti-Neuroserpin antibody WB image

Western Blot: Human Brain lysate (35 μ g protein in RIPA buffer) stained with ARG63768 anti-Neuroserpin antibody at 1 μ g/ml dilution.



ARG63768 anti-Neuroserpin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63768 anti-Neuroserpin antibody at 5 μ g/ml dilution followed by AP-staining.