

SERPINI1 Rabbit Polyclonal Antibody



CAB15703

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

46kDa

Calculated MW:

46kDa

Applications:

WB IHC IF

Reactivity:

Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

5274

Uniprot

Q99574

Synonyms:

SERPINI1; PI12

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 181-410 of human SERPINI1 (NP_005016.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

