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SERPINI1 Polyclonal Antibody

Cat #: G-AB-09153

Host: Rabbit **Reactivity:** Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
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.

Gene ID: 5274

Accession #:

Immunogen: Recombinant fusion protein of human SERPINI1 (NP_005016.1).

Conjugation: Unconjugated

Swissprot: Q99574

Calculated Molecular Weight: 46 kDa

Observed Molecular Weight: 46 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB,IHC

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

Storage: Store at -20°C. Avoid freeze / thaw cycles.