

ELFN1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18783b

Specification

ELFN1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P0C7U0
Other Accession	Q68FM6 , Q5R3F8 , Q8C8T7
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	90477
Antigen Region	766-792

ELFN1 Antibody (C-term) - Additional Information

Gene ID 392617

Other Names

Protein ELFN1, Extracellular leucine-rich repeat and fibronectin type-III domain-containing protein 1, Protein phosphatase 1 regulatory subunit 28, ELFN1, PPP1R28

Target/Specificity

This ELFN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 766-792 amino acids from the C-terminal region of human ELFN1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ELFN1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ELFN1 Antibody (C-term) - Protein Information

Name ELFN1

Synonyms PPP1R28

Function Postsynaptic protein that regulates circuit dynamics in the central nervous system by modulating the temporal dynamics of interneuron recruitment. Specifically present in excitatory synapses onto oriens-lacunosum molecular (OLM) interneurons and acts as a regulator of presynaptic release probability to direct the formation of highly facilitating pyramidal-OLM synapses (By similarity). Inhibits phosphatase activity of protein phosphatase 1 (PP1) complexes.

Cellular Location

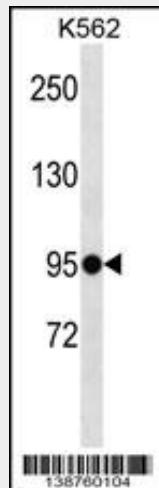
Membrane; Single-pass type I membrane protein. Cell projection, dendrite. Note=Localizes to excitatory synapses onto somatostatin (Sst)-containing oriens-lacunosum moleculare (O-LM) interneurons

ELFN1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ELFN1 Antibody (C-term) - Images



ELFN1 Antibody (C-term)(Cat. #AP18783b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the ELFN1 antibody detected the ELFN1 protein (arrow).

ELFN1 Antibody (C-term) - Background

The function of this protein remains unknown.