

ELFN1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18783b

Product Information

Application	WB, E
Primary Accession	P0C7U0
Other Accession	Q68FM6 , Q5R3F8 , Q8C8T7
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38760
Calculated MW	90477
Antigen Region	766-792

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 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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.

Protein Information

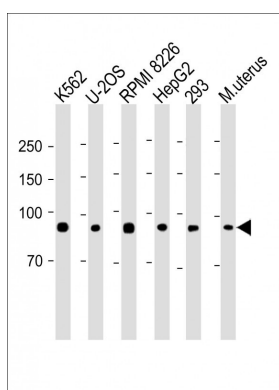
Name	ELFN1
Synonyms	PPP1R28

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 {ECO:0000250 UniProtKB:Q8C8T7}. Cell projection, axon {ECO:0000250 UniProtKB:Q8C8T7}. Note=Localizes to excitatory synapses onto somatostatin (Sst)-containing oriens-lacunosum molecular (O-LM) interneurons

Background

The function of this protein remains unknown.

Images



All lanes: Anti-ELFN1 Antibody (C-term) at 1:2000 dilution
Lane 1: K562 whole cell lysate Lane 2: U-2OS whole cell lysate Lane 3: RPMI 8226 whole cell lysate Lane 4: HepG2 whole cell lysate Lane 5: 293 whole cell lysate Lane 6: Mouse uterus lysate Lysates/proteins at 20 µg per lane.
Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 90.5 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.