

C22orf39 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55823

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6P5X5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12540

Additional Information

Gene ID	128977
Other Names	UPF0545 protein C22orf39, C22orf39
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	C22orf39
Function	Negatively regulates long-term potentiation and modulates adult synaptic plasticity. Stabilizes the interaction of RTN4 isoform A/Nogo-A with its receptors, inhibiting clustering of postsynaptic AMPA receptors at synaptic sites. Upon neuronal stimulation, degraded at synapses, reducing RTN4 signaling and allowing AMPA receptor clustering at individual synapses.
Cellular Location	Synapse {ECO:0000250 UniProtKB:Q3U595}. Synaptic cleft {ECO:0000250 UniProtKB:Q3U595}. Note=Detected in both the presynaptic and postsynaptic regions of the synapse and is secreted from neurons into the synaptic cleft. May be released by neuronal dense core vesicles which mediate the release of cleaved neuropeptides {ECO:0000250 UniProtKB:Q3U595}

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