LRFN1 Antibody

Catalog No: #24851

Orders: order@signalwayantibody.com
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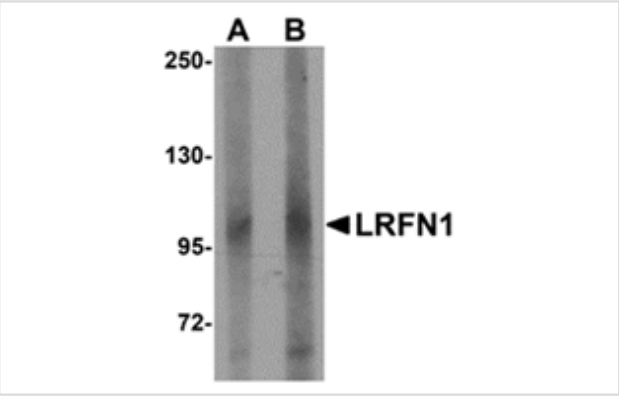
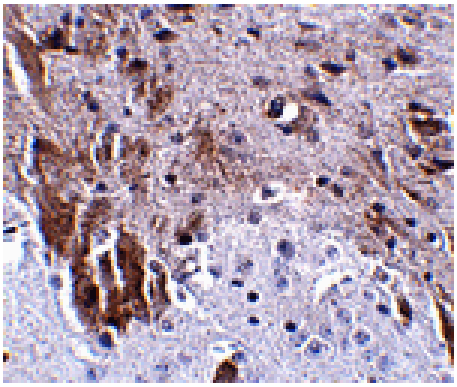
Description

Product Name	LRFN1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	This antibody is predicted to not cross-react with other members of the LRFN family.
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the carboxy terminus of human LRFN1.
Target Name	LRFN1
Other Names	Leucine-rich repeat and fibronectin typeIII domain-containing protein 1, synaptic adhesion-like molecule 2
Accession No.	Q9P244
Uniprot	Q9P244
GeneID	57622;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of LRFN1 in human brain lysate with LRFN1 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of LRFN1 in mouse brain tissue with LRFN1 antibody at 2.5 ug/mL.

Background

LRFN1 is one of a family of five transmembrane glycoproteins that are highly expressed in neuronal tissues. LRFN proteins share leucine-rich repeat (LRR)-immunoglobulin-like (Ig)-fibronectin type III (Fn)-transmembrane domain structure with other members of the LRR-Ig-Fn protein superfamily such as the Slitrk family of proteins. Expression of LRFN1, -3, and -4 mRNA was detected in embryonic neuronal cells, while Lrfn2 and Lrfn5 expression was primarily restricted to more mature cells. LRFN1, -2, and -4 bound to PDZ domains of postsynaptic PSD95, re-distributing PSD95 to the cell periphery. It has been suggested that the Lrfn proteins play a role in the developing and/or mature vertebrate nervous system. At least two isoforms of LRFN1 are known to exist.

Note: This product is for in vitro research use only