

LRFN3 Antibody

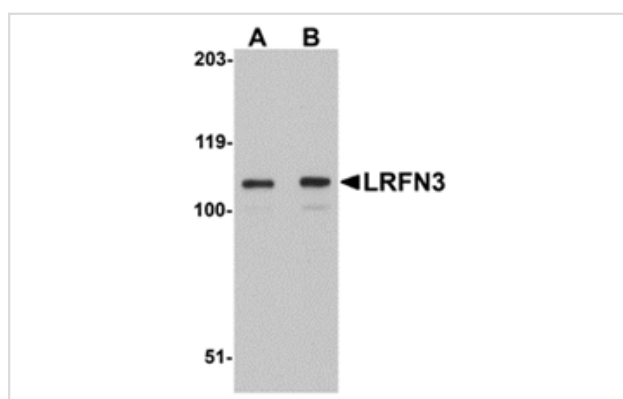
Catalog No: #24853

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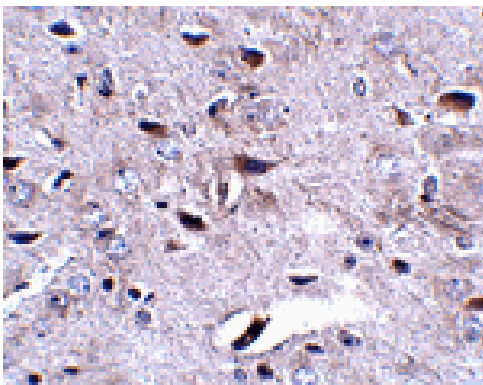
Description

Product Name	LRFN3 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 a 16 amino acid peptide near the center of human LRFN3.
Target Name	LRFN3
Other Names	Leucine-rich repeat and fibronectin type III domain-containing protein 3, synaptic adhesion-like molecule 4, SALM4, FIGLER1
Accession No.	Swiss-Prot:Q9BTN0Gene ID:79414
Uniprot	Q9BTN0
GeneID	79414;
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 LRFN3 in K562 lysate with LRFN3 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of LRFN3 in mouse brain tissue with LRFN3 antibody at 2.5 ug/mL.

Background

LRFN3 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 Lrnf2 and Lrnf5 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 Lrnf proteins play a role in the developing and/or mature vertebrate nervous system.

Note: This product is for in vitro research use only