

Rabbit LRFN4 Polyclonal Antibody | anti-LRFN4 antibody

LRFN4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307978	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

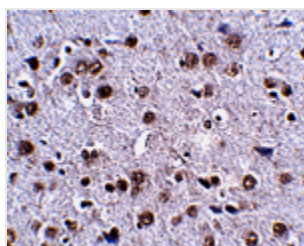
PRODUCT SYNONYMS

LRFN4; Polyclonal Antibody; LRFN4 Antibody; Leucine-rich repeat and fibronectin typeIII domain-containing protein 4; synaptic adhesion-like molecule 3; SALM3; FIGLER6; anti-LRFN4 antibody

PRODUCT SPECIFICATIONS

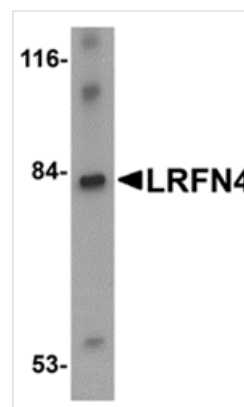
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody is predicted to not cross-react with other members of the LRFN family.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	635
Applicable Applications for anti-LRFN4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14amino acid peptide near the carboxy terminus of human LRFN4.
Target Name	LRFN4
Preparation and Storage	Can be stored at -20 degree 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



IHC (Immunohistochemistry)

Immunohistochemistry of LRFN4 in mouse brain tissue with LRFN4 antibody at 2.5 ug/mL.



WB (Western Blot)

Western blot analysis of LRFN4 in rat brain lysate with LRFN4 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-LRFN4 antibody	LRFN4 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. At least two isoforms of LRFN4 are known to exist.
Product Categories/Family for anti-LRFN4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27363458
NCBI GeneID	78999
NCBI Accession #	NP_076941.2
NCBI GenBank Nucleotide #	NM_024036.4
UniProt Accession #	Q6PJG9; Q4VBZ3; Q59GV4; Q8N644; Q9BWJ0
Molecular Weight	66,860 Da
NCBI Official Full Name	leucine-rich repeat and fibronectin type-III domain-containing protein 4
NCBI Official Synonym Full Names	leucine rich repeat and fibronectin type III domain containing 4
NCBI Official Symbol	LRFN4
NCBI Official Synonym Symbols	SALM3; SALM3.; FIGLER6
NCBI Protein Information	leucine-rich repeat and fibronectin type-III domain-containing protein 4
UniProt Protein Name	Leucine-rich repeat and fibronectin type-III domain-containing protein 4
UniProt Gene Name	LRFN4
UniProt Synonym Gene Names	SALM3
UniProt Entry Name	LRFN4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lrnf4-antibody-immunohistochemistry-western-blot-elisa/307978>