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Datasheet for ABIN500188 anti-LRFN2 antibody (C-Term)

2 Images



Overview

Quantity:	0.1 mg
Target:	LRFN2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRFN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	LRFN2 antibody was raised against a 14 amino acid peptide near the carboxy terminus of human LRFN2.
Isotype:	lgG
Specificity:	This antibody detects LRFN2. It is predicted to not cross-react with other members of the LRFN family.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography
Target Details	

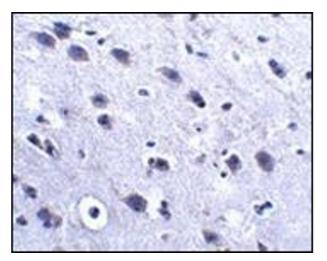
Target	•
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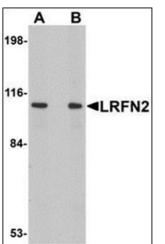
LRFN2

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Target Details		
Alternative Name:	LRFN2 (LRFN2 Products)	
Background:	LRFN2 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	
	LRFN2 are known to exist.Synonyms: KIAA1246, Leucine-rich repeat and fibronectin type-III domain-containing protein 2, SALM1	
Gene ID:	57497	
UniProt:	Q9ULH4	
Pathways:	Synaptic Membrane	
Application Details		
Application Notes:	ELISA. Western blot: 1 - 2 μg/mL. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.	
Restrictions:	For Research Use only	
Handling		
Buffer:	PBS containing 0.02 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.	

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of LRFN2 in mouse brain tissue with this product at $2.5 \,\mu$ g/ml.

Western Blotting

Image 2. Western blot analysis of LRFN2 in rat brain lysate with this product at (A) 1 and (B) $2 \mu g/ml$.

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