

Datasheet for ABIN500194
anti-LRFN5 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	LRFN5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	LRFN5 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human LRFN5.
Isotype:	IgG
Specificity:	This antibody detects LRFN5.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	LRFN5
Alternative Name:	LRFN5 (LRFN5 Products)

Target Details

Background:	LRFN5 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 LRFN5 are known to exist. This antibody is predicted to not cross-react with other members of the LRFN family.Synonyms: C14orf146, Leucine-rich repeat and fibronectin type-III domain-containing protein 5, SALM5
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Gene ID:	145581
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UniProt:	Q96NI6
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Application Details

Application Notes:	ELISA. Western blot: 0.5 - 1 µg/mL. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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Handling

Buffer:	PBS containing 0.02 % sodium azide
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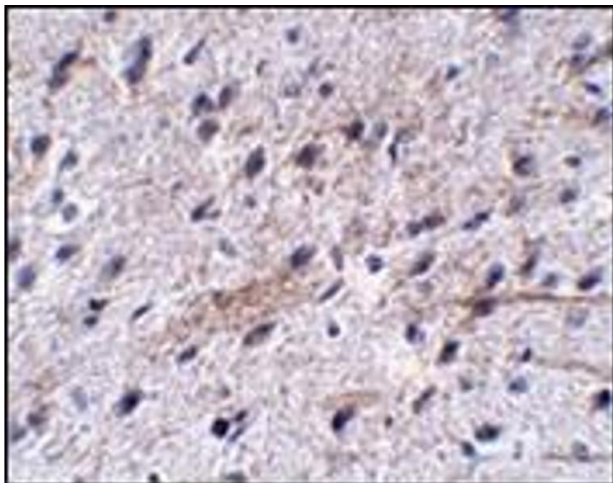
Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freezing and thawing.
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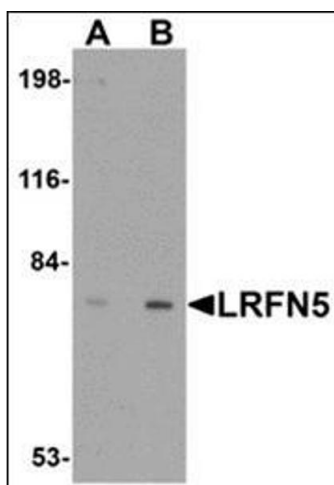
Storage:	4 °C/-20 °C
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Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of LRFN5 in mouse brain tissue with this product at 5 µg/ml.



Western Blotting

Image 2. Western blot analysis of LRFN5 in EL4 cell lysate with this product at (A) 0.5 and (B) 1 µg/ml.