Datasheet for ABIN1392057

anti-LRRTM3 antibody (AA 31-120) (Alexa Fluor 350)

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Overview

Quantity:	100 µL
Target:	LRRTM3
Binding Specificity:	AA 31-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRRTM3 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LRRTM3
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep,Pig,Chicken,Rabbit,Monkey
Purification:	Purified by Protein A.

Target Details

Target:	LRRTM3
Alternative Name:	LRRTM3 (LRRTM3 Products)
Background:	Synonyms: Leucine rich repeat transmembrane neuronal protein 3, Leucine-rich repeat

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Target Details

	transmembrane neuronal protein 3, LRRT3_HUMAN, Lrrtm3, MGC131810, PRO1693, UNQ803. Background: The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic Alpha/Beta horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. The LRRTM protein family plays a role in the regulation of various cellular events during nervous system development. Localizing predominantly to the nervous system, LRRTM family members are known to exhibit synaptogenic activity. LRRTM3 (leucine rich repeat transmembrane neuronal 3) is a 581 amino acid single-pass type I membrane protein belonging to the LRRTM family. LRRTM3 is involved in the development and maintenance of the vertebrate nervous system, and contains ten LRR repeats. Expressed in neuronal tissues, LRRTM3 is encoded by a gene that maps to a region of chromosome 10 that has been linked to late-onset Alzheimer disease and elevated plasma Beta-Amyloid. As a result of alternative splicing events, two LRRTM3 isoforms exist.
Pathways:	Synaptic Membrane

Application Details

Application Notes:	FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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