

LRFN4 Rabbit pAb

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Catalog # AP54367

Product Information

Primary Accession	Q6PJG9
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66860
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LRFN4
Epitope Specificity	21-120/635
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type I membrane protein (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LRFN4 is a 635 amino acid single-pass type I membrane protein that belongs to the LRFN family. Containing a fibronectin type-III domain, an Ig-like (immunoglobulin-like) domain, a LRRCT domain, a LRRNT domain and seven LRR (leucine-rich) repeats, LRFN4 is thought to promote neurite outgrowth in hippocampal neurons and may play a role in redistributing PSD-95 to the cell periphery. LRFN4 forms heteromeric complexes with LRFN1, LRFN2, LRFN3 and LRFN5, but does not have the ability to form homomeric complexes across cell junctions of adjacent cells like some other LRFN family members. The PDZ-binding motif of LRFN4 is required for neurite outgrowth promotion and for SAP 97-, NE-dlg- and PSD-95-binding. LRFN4 is encoded by a gene located on human chromosome 11q13.1 and mouse chromosome 19 A.

Additional Information

Gene ID	78999
Other Names	Leucine-rich repeat and fibronectin type-III domain-containing protein 4, LRFN4, SALM3
Dilution	Flow-Cyt=0.2ug/test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

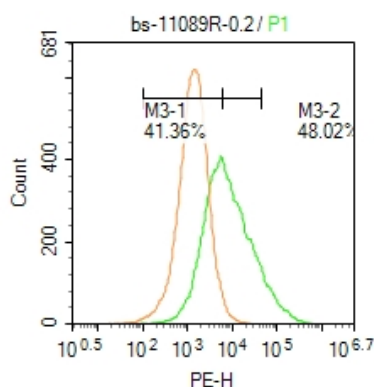
Protein Information

Name	LRFN4
Synonyms	SALM3
Function	Promotes neurite outgrowth in hippocampal neurons. May play a role in redistributing DLG4 to the cell periphery (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein

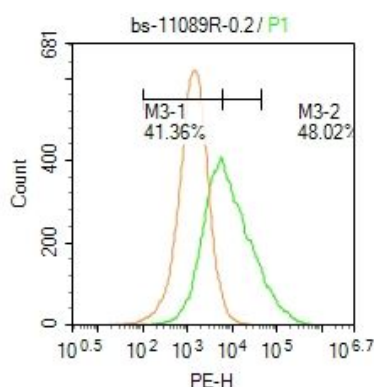
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Images



Blank control: Hela.
Primary Antibody (green line): Rabbit Anti-LRFN4 antibody (AP54367)
Dilution: 1 μg / 10^6 cells;
Isotype Control Antibody (orange line): Rabbit IgG .
Secondary Antibody : Goat anti-rabbit IgG-PE
Dilution: 0.2 μg /test.
Protocol
The cells were incubated in 5 %BSA to block non-specific protein-protein interactions for 30 min at at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



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