

For Research Use Only

LINGO1 Polyclonal antibody

Catalog Number: 19097-1-AP



Basic Information

Catalog Number: 19097-1-AP	GenBank Accession Number: BC011057	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 84894	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q96FE5	
Isotype: IgG	Full Name: leucine rich repeat and Ig domain containing 1	
Immunogen Catalog Number: AG13553	Calculated MW: 70 kDa	
	Observed MW: 83 kDa	

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	

Background Information

LINGO-1 is a transmembrane receptor that contains 12 leucine-rich repeats and an immunoglobulin domain. It is expressed primarily in the central nervous system. LINGO-1 binds Nogo-66 receptor (NgR) and p75 and that is a functional component of the NgR/p75 signaling complex (PMID: 14966521). This protein has a calculated molecular weight of 70 kDa and migrates at higher molecular weight due to glycosylation (PMID: 21872576; 25257685; 18326721).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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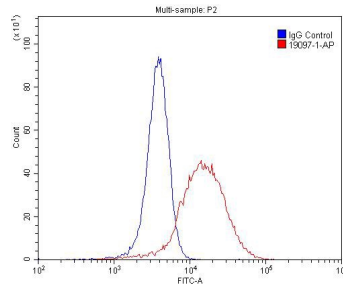
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 19097-1-AP (LINGO1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



1×10^6 SH-SY5Y cells were stained with 0.2ug LINGO1 antibody (19097-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.