

LINGO4 Rabbit pAb

Catalog # AP99397

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q6UY18
Other Accession	Q6UY18
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63774
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LINGO4
Epitope Specificity	331-450/593
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.Contains 11 LRR (leucine-rich) repeats. Contains 1 LRRCT domain.Contains 1 LRRNT domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Lingo-4 is a 593 amino acid single-pass type I membrane protein that contains eleven LRR (leucine-rich) repeats, one Ig-like C2-type (immunoglobulin-like) domain, one LRRCT domain and one LRRNT domain. The gene that encodes Lingo-4 consists of approximately 5,891 bases and maps to human chromosome 1q21.3. Comprising nearly 8% of the human genome, chromosome 1 spans 260 million base pairs, contains over 3,000 genes and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.

Additional Information

Gene ID	339398
Other Names	DAAT9248; LRRN6D; PRO34002; A530050P17Rik; LERN4; RGD1562025; LIGO4_HUMAN; LINGO4; Leucine-rich repeat neuronal protein 6D; LIGO4_MOUSE; leucine rich repeat and Ig domain containing 4; leucine rich repeat neuronal 6D
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	LINGO4
Synonyms	LRRN6D
Cellular Location	Membrane; Single-pass type I membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.