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Lano/LRRC1 Rabbit pAb

Catalog # AP97986

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9BTT6
Other Accession	Q9BTT6
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59242
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Lano/LRRC1
Epitope Specificity	261-360/524
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 17 LRR (leucine-rich) repeats.
SUBUNIT	Interacts with DLG1 and DLG4. May form a complex with DLG1 and ERBB2IP, where interaction between LRRC1 and ERBB2IP is indirect.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic □/∫ 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 primary function of these motifs is to provide a versatile structural framework to mediate the formation of protein-protein interactions. LRRs are present in a variety of proteins with diverse structure and function, including innate immunity and nervous system development. LRRC1 (leucine-rich repeat-containing protein 1), also known as LANO adapter protein or LAP and no PDZ protein, is a 524 amino acid protein that contains 17 LRR repeats. Localized to the cytoplasm and the membrane, LRRC1 is expressed strongly in placenta and testis, with lower levels found in heart, kidney, thyroid, lung, prostate, colon and trachea. LRRC1 interacts with PSD-95 and SAP 97, and may form a complex with SAP 97 and ERBIN. LRRC1 is expressed as two isoforms produced by alternative splicing events.

Additional Information

Gene ID	55227
Other Names	LANO; dJ523E19.1; LRRC1_HUMAN; LRRC1; LANO adapter protein; LAP and no PDZ protein; leucine rich repeat containing 1; leucine-rich repeat-containing 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500

	0-10000
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	LRRC1
Synonyms	LANO
Cellular Location	Cytoplasm. Membrane; Peripheral membrane protein. Note=Localized at the basolateral side of epithelial cells
Tissue Location	Expressed strongly in testis and placenta, followed by heart, lung, kidney, thyroid, trachea, colon, prostate and pancreas

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