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anti-PATJ antibody (N-Term)





Publication



Overview

Quantity:	100 μL
Target:	PATJ (INADL)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Rabbit, Guinea Pig, Horse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PATJ antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human INADL
	The immunogen is a synthetic peptide directed towards the N terminal region of human INADL EVMVATLDTQ IADDAELQKY SKLLPIHTLR LGVEVDSFDG HHYISSIVSG
Immunogen:	
Immunogen: Sequence:	EVMVATLDTQ IADDAELQKY SKLLPIHTLR LGVEVDSFDG HHYISSIVSG Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 93%,
Immunogen: Sequence: Predicted Reactivity:	EVMVATLDTQ IADDAELQKY SKLLPIHTLR LGVEVDSFDG HHYISSIVSG Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 93% This is a rabbit polyclonal antibody against INADL. It was validated on Western Blot using a cell
Immunogen: Sequence: Predicted Reactivity: Characteristics:	EVMVATLDTQ IADDAELQKY SKLLPIHTLR LGVEVDSFDG HHYISSIVSG Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 93% This is a rabbit polyclonal antibody against INADL. It was validated on Western Blot using a cell lysate as a positive control.

Target Details

Alternative Name:	INADL (INADL Products)
Background:	INADL is a protein with multiple PDZ domains. PDZ domains mediate protein-protein
	interactions, and proteins with multiple PDZ domains often organize multimeric complexes at
	the plasma membrane. This protein localizes to tight junctions and to the apical membrane of
	epithelial cells. A similar protein in Drosophila is a scaffolding protein which tethers several
	members of a multimeric signaling complex in photoreceptors. This gene encodes a protein
	with multiple PDZ domains. PDZ domains mediate protein-protein interactions, and proteins
	with multiple PDZ domains often organize multimeric complexes at the plasma membrane.
	This protein localizes to tight junctions and to the apical membrane of epithelial cells. A similar
	protein in Drosophila is a scaffolding protein which tethers several members of a multimeric
	signaling complex in photoreceptors. Publication Note: This RefSeq record includes a subset of
	the publications that are available for this gene. Please see the Entrez Gene record to access
	additional publications.
	Alias Symbols: Cipp, FLJ26982, PATJ, hINADL, InaD-like
	Protein Interaction Partner: SUMO1, UBC, NEDD8, AMOT, SAV1, AMOTL2, LATS2, YAP1, LATS1
	Wwtr1, BAI1, TP53RK, PARD3, Dlg4, ARHGAP17, SUMO2, TJP3, CRB3, PRDM16, NRXN2, ASIC3
	MPP5, NLGN2, CNKSR2, PAX6, GLS2, DDX18, KIF1B, CRIPT, SCN4A, CLDN1, CACNG2, GRIN2D
	MAPK12, KCNJ10, KCNJ15, KCN
	Protein Size: 1801
Molecular Weight:	196 kDa
Gene ID:	10207
NCBI Accession:	NM_176877, NP_795352
UniProt:	Q8NI35
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1801 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Handling

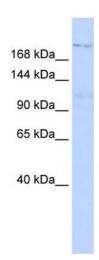
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Storrs, Silverstein: "PATJ, a tight junction-associated PDZ protein, is a novel degradation target of high-risk human papillomavirus E6 and the alternatively spliced isoform 18 E6." in: **Journal of virology**, Vol. 81, Issue 8, pp. 4080-90, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-INADL Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: 293T cell lysate