

PTCHD2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54825

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9P2K9
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	153048

Additional Information

Gene ID	57540
Other Names	Protein dispatched homolog 3, Patched domain-containing protein 2, DISP3 {ECO:0000303 PubMed:15645143, ECO:0000312 HGNC:HGNC:29251}
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=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	DISP3 {ECO:0000303 PubMed:15645143, ECO:0000312 HGNC:HGNC:29251}
Function	Plays a role in neuronal proliferation and differentiation (PubMed: 25281927). Plays a role in the accumulation of cellular cholesterol (By similarity). Involved in intracellular lipid droplet formation (PubMed: 25281927). May contribute to cholesterol homeostasis in neuronal cells (By similarity).
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein. Nucleus membrane; Multi- pass membrane protein. Cytoplasmic vesicle membrane {ECO:0000250 UniProtKB:B9U3F2}; Multi-pass membrane protein. Note=Predominantly localized to cholesterol-enriched domains within the membrane (PubMed:19179482). Localizes to cytoplasmic punctate vesicular structures (By similarity) {ECO:0000250 UniProtKB:B9U3F2, ECO:0000269 PubMed:19179482}
Tissue Location	Expressed in brain and testis (PubMed:15645143).

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