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NORRIN Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57378

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q00604
Reactivity	Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15044

Additional Information

Gene ID	4693
Other Names	Norrin, Norrie disease protein, X-linked exudative vitreoretinopathy 2 protein, NDP, EVR2
Dilution	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	NDP
Synonyms	EVR2
Function	Activates the canonical Wnt signaling pathway through FZD4 and LRP5 coreceptor. Plays a central role in retinal vascularization by acting as a ligand for FZD4 that signals via stabilizing beta-catenin (CTNNB1) and activating LEF/TCF-mediated transcriptional programs. Acts in concert with TSPAN12 to activate FZD4 independently of the Wnt- dependent activation of FZD4, suggesting the existence of a Wnt- independent signaling that also promote accumulation the beta-catenin (CTNNB1). May be involved in a pathway that regulates neural cell differentiation and proliferation. Possible role in neuroectodermal cell-cell interaction.
Cellular Location	Secreted.
Tissue Location	Expressed in the outer nuclear, inner nuclear and ganglion cell layers of the retina, and in fetal and adult brain

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