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Datasheet for ABIN7161709

anti-Norrie Disease (Pseudoglioma) antibody (AA 25-133)

1 Image

Overview

Quantity:	100 µg
Target:	Norrie Disease (Pseudoglioma) (NDP)
Binding Specificity:	AA 25-133
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Norrie Disease (Pseudoglioma) antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Norrin protein (25-133AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Norrie Disease (Pseudoglioma) (NDP)
Alternative Name:	NDP (NDP Products)
Background:	Background: 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

Target Details

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.

Aliases: EVR2 antibody, Exudative vitreoretinopathy 2 (X linked) antibody, FEVR antibody, ND antibody, NDP antibody, NDP_HUMAN antibody, Norrie disease (pseudoglioma) antibody, Norrie disease protein antibody, Norrin antibody, Norrin precursor antibody, X linked exudative vitreoretinopathy 2 protein antibody, X-linked exudative vitreoretinopathy 2 protein antibody

UniProt: [Q00604](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

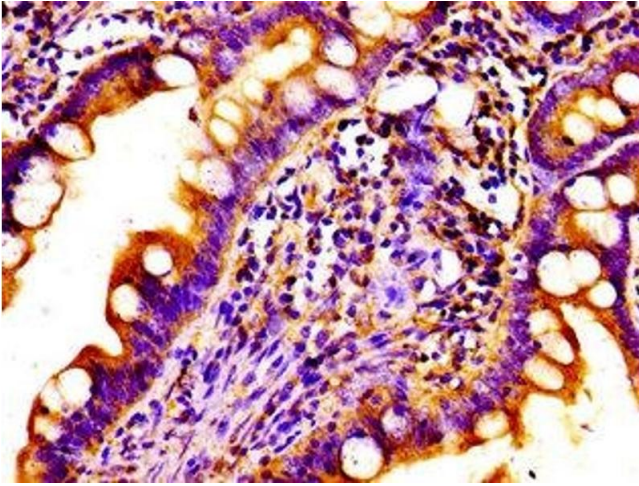
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7161709 at dilution of 1:100