

Datasheet for ABIN634783

anti-Norrie Disease (Pseudoglioma) antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Norrie Disease (Pseudoglioma) (NDP)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Norrie Disease (Pseudoglioma) antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	NDP antibody was raised using a synthetic peptide corresponding to a region with amino acids DPRRCMRHHYVDSISHPLYKCSSKMVLLARCEGHCSQASRSEPLVSFSTV
Purification:	Affinity purified

Target Details

Target:	Norrie Disease (Pseudoglioma) (NDP)
Alternative Name:	NDP (NDP Products)
Background:	NDP activates the canonical Wnt signaling pathway through FZD4 and LRP5 coreceptor. NDP 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. NDP 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

Target Details

accumulation the beta-catenin (CTNNB1).

Molecular Weight: 15 kDa (MW of target protein)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: NDP Blocking Peptide, catalog no. 33R-2114, is also available for use as a blocking control in assays to test for specificity of this NDP antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NDP antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. NDP antibody used at 1 ug/ml to detect target protein.