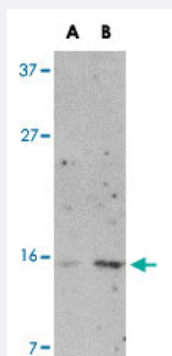


NDP polyclonal antibody

Catalog # PAB16728 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of NDP in Jurkat cell lysate with NDP polyclonal antibody (Cat # PAB16728) at (A) 1 and (B) 2 ug/mL .



Immunocytochemistry

Immunocytochemistry of NDP in Jurkat cells with NDP polyclonal antibody (Cat # PAB16728) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NDP .
Immunogen	A synthetic peptide corresponding to N-terminus 18 amino acids from of human NDP .
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of NDP in Jurkat cell lysate with NDP polyclonal antibody (Cat # PAB16728) at (A) 1 and (B) 2 ug/mL .

- Immunocytochemistry

Immunocytochemistry of NDP in Jurkat cells with NDP polyclonal antibody (Cat # PAB16728) at 5 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NDP

Entrez GeneID	4693
Protein Accession#	NP_000257
Gene Name	NDP
Gene Alias	EVR2, FEVR, ND
Gene Description	Norrie disease (pseudoglioma)
Omim ID	300658 305390 310600
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a secreted protein with a cystein-knot motif that activates the Wnt/beta-catenin pathway. The protein forms disulfide-linked oligomers in the extracellular matrix. Mutations in this gene result in Norrie disease and X-linked exudative vitreoretinopathy. [provided by RefSeq]
Other Designations	OTTHUMP00000023168 norrin

Publication Reference

- [Characterization and Molecular Profiling of PSEN1 Familial Alzheimer's Disease iPSC-Derived Neural Progenitors.](#)

Sproul AA, Jacob S, Pre D, Kim SH, Nestor MW, Navarro-Sobrinho M, Santa-Maria I, Zimmer M, Aubry S, Steele JW, Kahler DJ, Dranovsky A, Arancio O, Crary JF, Gandy S, Noggle SA.

PLoS One 2014 Jan; 9(1):e84547.

Application: IS, Human, Brain

- [Ectopic norrin induces growth of ocular capillaries and restores normal retinal angiogenesis in Norrie disease mutant mice.](#)

Ohlmann A, Scholz M, Goldwich A, Chauhan BK, Hudl K, Ohlmann AV, Zrenner E, Berger W, Cvekl A, Seeliger MW, Tamm ER.

The Journal of Neuroscience 2005 Feb; 25(7):1701.

Application: IHC-P, Mouse, Eye

- [Vascular development in the retina and inner ear: control by Norrin and Frizzled-4, a high-affinity ligand-receptor pair.](#)

Xu Q, Wang Y, Dabdoub A, Smallwood PM, Williams J, Woods C, Kelley MW, Jiang L, Tasman W, Zhang K, Nathans J.

Cell 2004 Mar; 116(6):883.

- [Molecular modelling of the Norrie disease protein predicts a cystine knot growth factor tertiary structure.](#)

Meitinger T, Meindl A, Bork P, Rost B, Sander C, Haasemann M, Murken J.

Nature Genetics 1993 Dec; 5(4):376.

Disease

- [Birth Weight](#)
- [Disease Progression](#)
- [Retinal Diseases](#)
- [Retinopathy of Prematurity](#)