

Rabbit anti-Human Norrin Polyclonal Antibody | anti-NDP antibody

Norrin Antibody

CATALOG # AAA39546	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Western Blot, ELISA
------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

Norrin; Polyclonal Antibody; Norrin Antibody; ND; EVR2; FEVR; Norrie disease protein; Norrie disease (pseudoglioma); anti-NDP antibody

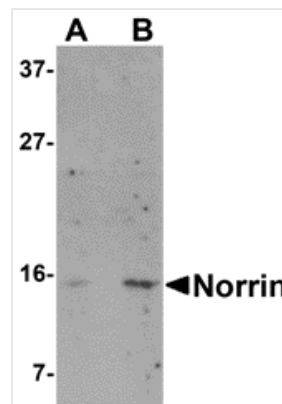
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Norrin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	133
Applicable Applications for anti-NDP antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Norrin antibody was raised against an 18 amino acid synthetic peptide from near the amino terminus of human Norrin.
Buffer	Norrin Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of Norrin in Jurkat cells with Norrin antibody at 5 &#956;g/mL.


WB (Western Blot)

Western blot analysis of Norrin in Jurkat cell lysate with Norrin antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NDP antibody	Norrin Antibody: Norrie disease is an X-linked genetic disorder characterized by progressive atrophy of the eyes, mental disturbances and deafness. The gene responsible for this disease was initially identified through positional cloning. Norrin, the gene product, encodes a small secreted, cysteine-rich protein that is thought to act as a ligand for the Wnt-receptor/beta-catenin signal pathway despite having sequence homology with the Wnt family of proteins. Mice lacking this gene have abnormal blood vessel growth in the vitreous and a disorganized retina; transgenic ectopic expression of Norrin restores normal retinal vasculature. Recent evidence shows that Norrin can attenuate tPA and uPA-mediated death of transformed rat retinal ganglion cells (RGC-5) by activating the Wnt/beta-catenin pathway and regulating the phosphorylation of LRP-1, a cell surface receptor for tPA and uPA, suggesting the Norrin may function in vivo by regulating kinases which may alter the phosphorylation of LRP-1.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557789
NCBI GeneID	4693
NCBI Accession #	NP_000257
NCBI GenBank Nucleotide #	NM_000266.3
UniProt Accession #	Q00604; Q5JYH5; B2R8K6
Molecular Weight	15,044 Da
NCBI Official Full Name	norrin
NCBI Official Synonym Full Names	Norrie disease (pseudoglioma)
NCBI Official Symbol	NDP
NCBI Official Synonym Symbols	ND; EVR2; FEVR
NCBI Protein Information	norrin; norrie disease protein; X-linked exudative vitreoretinopathy 2 protein
UniProt Protein Name	Norrin
UniProt Gene Name	NDP
UniProt Synonym Gene Names	EVR2
UniProt Entry Name	NDP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.