



Catalog: OM215094

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NDP Antibody (N-term)

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☐ 100ug

Product profile

Product name	NDP Antibody (N-term)
Antibody Type	Primary Antibodies

Key Feature

Clonality	Polyclonal
Isotype	Ig
Host Species	Rabbit
Tested Applications	WB ,IHC ,FC
Species Reactivity	Human
Concentration	1 mg/ml
Purification	

Target Information

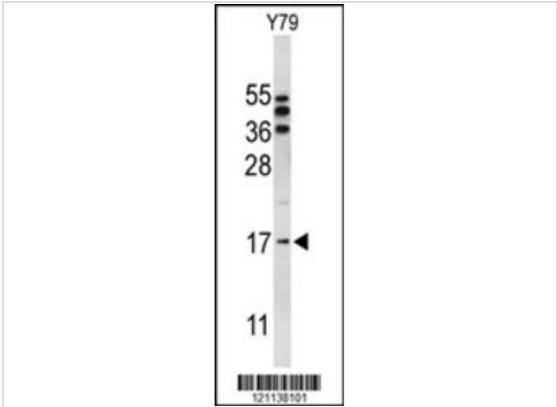
Gene Synonyms	EVR2
Alternative Names	NDP; EVR2; Norrin; Norrie disease protein; X-linked exudative vitreoretinopathy 2 protein
Molecular Weight(MW)	15044 Da
Function	Activates the canonical Wnt signaling pathway through FZD4 and LRP5 coreceptor. Plays a central role in retinal vascularization by acting 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
Tissue Specificity	Expressed in the outer nuclear, inner nuclear and ganglion cell layers of the retina, and in fetal and adult brain
Cell Culture	Good

Database Links

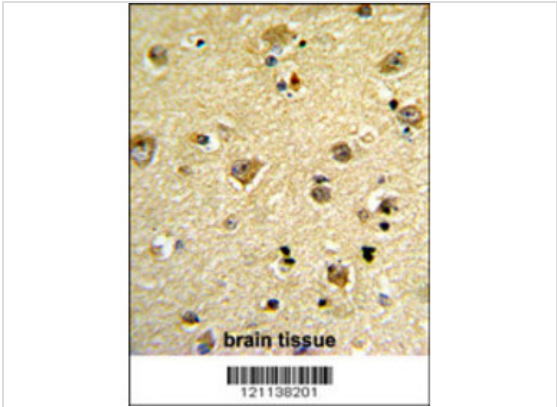
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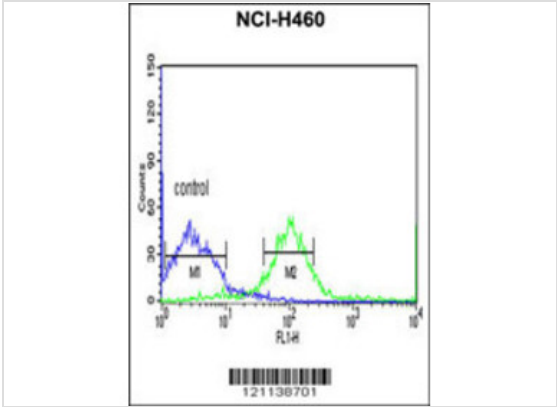
Application



Application
Western blot analysis of NDP Antibody (N-term) in Y79 cell line lysates (35ug/lane). NDP (arrow) was detected using the purified Pab.



Application
Formalin-fixed and paraffin-embedded human brain tissue reacted with NDP Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Application
NDP Antibody (N-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FIT C-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Application Notes

WB~~1:100~500 IHC~~1:50~100 FC~~1:10~50:

Additional Information

Form	Liquid
Storage Instructions	For short-term storage, store at 4° C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Storage Buffer	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified thro

ugh a protein A column, followed by peptide affinity purification.

Note

The product is for research use only,not for use in diagnostic or therapeutic procedures.

OmnimAbs.com

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt
