

ARG40484
anti-NDP / Norrin antibodyPackage: 50 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes NDP / Norrin |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | NDP / Norrin |
| Species | Human |
| Immunogen | Synthetic peptide around 18 aa from (N-terminus) of Human Norrin. |
| Conjugation | Un-conjugated |
| Alternate Names | ND; X-linked exudative vitreoretinopathy 2 protein; EVR2; Norrin; FEVR; Norrie disease protein |

Application Instructions

| | | |
|-------------------|--|-------------|
| Application table | Application | Dilution |
| | WB | 1 - 2 µg/ml |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Jurkat | |

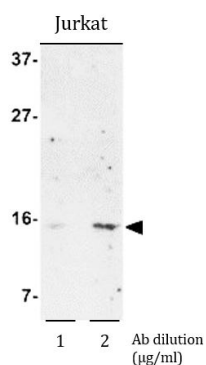
Properties

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|---------------------|--|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | PBS and 0.02% Sodium azide. |
| Preservative | 0.02% Sodium azide |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|-----------------------|---|
| Gene Symbol | NDP |
| Gene Full Name | Norrie disease (pseudoglioma) |
| Background | 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, Feb 2009] |
| 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. [UniProt] |
| Calculated Mw | 15 kDa |
| Cellular Localization | Secreted. [UniProt] |

Images



ARG40484 anti-NDP / Norrin antibody WB image

Western blot: Jurkat cell lysate stained with ARG40484 anti-NDP / Norrin antibody at 1 and 2 µg/ml dilution.