

Datasheet for ABIN634783

anti-Norrie Disease (Pseudoglioma) antibody





| Go | to | Produ | ıct | nac | ı |
|----|----|-------|-----|-----|---|
| OO | ιO | 11000 | JUL | pay | |

| 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 |

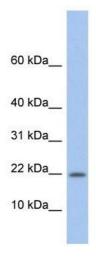
Application Details

| 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.