bs-8513R **[Primary Antibody]**

NIR1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 83394 **SWISS:** Q9BZ71

Target: NIR1

Immunogen: KLH conjugated synthetic peptide derived from human NIR1/RDGBA3: 131-250/974.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes (in vitro) (By similarity). Binds calcium ions.
Involvement in disease:
Defects in PITPNM3 are the cause of cone-rod dystrophy type 5 (CORD5) . CORDs are inherited retinal dystrophies belonging to the group of pigmentary retinopathies. CORDs are characterized by retinal pigment deposits visible on fundus examination, predominantly in the macular region, and initial loss of cone photoreceptors followed by rod degeneration.

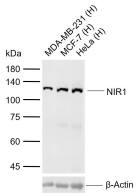
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Horse)

Predicted MW.: 106 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Human MDA-MB-231 cell lysates Lane 2: Human MCF-7 cell lysates Lane 3: Human HeLa cell lysates Primary: Anti-NIR1 (bs-8513R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 106 kDa Observed band size: 120 kDa