

## Anti-NIR1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Pig,Cow,Horse)
Molecular Weight:	Theoretical: 106 kDa. Actual: 120 kDa.
Purification:	Protein A purified

## Applications

Sample:	Lane 1: Human MDA-MB-231 cell lysates Lane 2: Human MCF-7 cell lysates Lane 3: Human HeLa cell lysates
Verified Activity:	Primary: Anti-NIR1 (TMAB-09488) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 106 kDa Observed band size: 120 kDa
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human NIR1/RDGBA3
Antigen Species:	Human
Gene ID:	83394
Uniprot ID:	Q9BZ71

## Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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