

Datasheet for ABIN2856567
anti-NIR1 antibody (C-Term)

2 Images

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Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | NIR1 (PITPNM3) |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NIR1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF) |

Product Details

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|-------------------|---|
| Immunogen: | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human NIR1. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Characteristics: | Rabbit Polyclonal antibody to NIR1 (PITPNM family member 3) NIR1 antibody [C3], C-term |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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|---------|----------------|
| Target: | NIR1 (PITPNM3) |
|---------|----------------|

Target Details

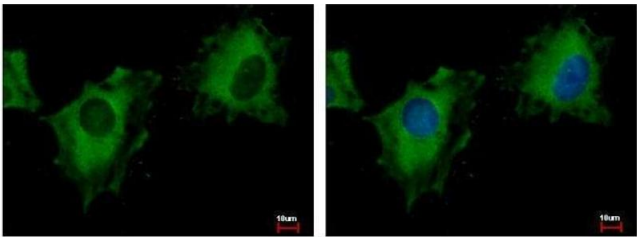
| | |
|-------------------|---|
| Alternative Name: | PITPNM family member 3 (PITPNM3 Products) |
| Background: | <p>PITPNM3 belongs to a family of membrane-associated phosphatidylinositol transfer domain-containing proteins that share homology with the Drosophila retinal degeneration B (rdgB) protein (Ocaka et al., 2005 [PubMed 15627748]).[supplied by OMIM]</p> <p>Cellular Localization: Endomembrane system, Peripheral membrane protein</p> |
| Molecular Weight: | 107 kDa |
| Gene ID: | 83394 |
| UniProt: | Q9BZ71 |

Application Details

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|--------------------|--|
| Application Notes: | WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: MCF-7 , MDA-MB-231 |
| Restrictions: | For Research Use only |

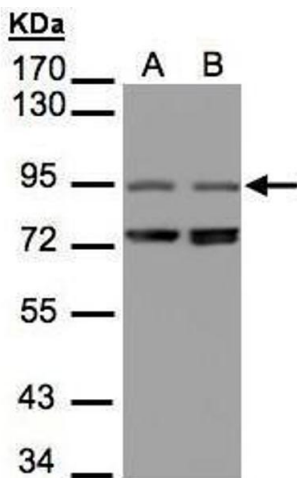
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal |
| Preservative: | Thimerosal (Merthiolate) |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |



Immunofluorescence

Image 1. ICC/IF Image NIR1 antibody [C3], C-term detects PITPNM3 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in -20°C 100% MeOH for 5 min. Green: PITPNM3 protein stained by NIR1 antibody [C3], C-term, diluted at 1:500. Blue: Hoechst 33343 staining.



Western Blotting

Image 2. WB Image Sample (30 μg of whole cell lysate) A:293T B:Raji, 7.5% SDS PAGE antibody diluted at 1:1500