

## ARG63638 anti-NIR1 / PITPNM3 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes NIR1 / PITPNM3
Tested Reactivity	Hu
Predict Reactivity	Ms, Dog
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NIR1 / PITPNM3
Species	Human
Immunogen	C-SWARGPPKFESVP
Conjugation	Un-conjugated
Alternate Names	NIR-1; RDGBA3; NIR1; Pyk2 N-terminal domain-interacting receptor 1; Phosphatidylinositol transfer protein, membrane-associated 3; ACKR6; PITPnm 3; PITPNM3; CORD5; Membrane-associated phosphatidylinositol transfer protein 3

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 - 10 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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

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**Database links**

[GeneID: 83394 Human](#)

[Swiss-port # Q9BZ71 Human](#)

**Background**

This gene encodes a member of a family of membrane-associated phosphatidylinositol transfer domain-containing proteins. The calcium-binding protein has phosphatidylinositol (PI) transfer activity and interacts with the protein tyrosine kinase PTK2B (also known as PYK2). The protein is homologous to a *Drosophila* protein that is implicated in the visual transduction pathway in flies. Mutations in this gene result in autosomal dominant cone dystrophy. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]

**Research Area**

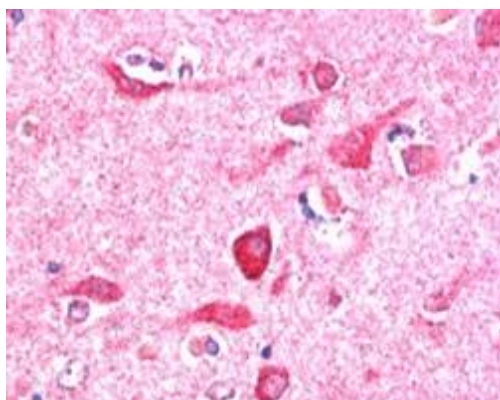
Neuroscience antibody; Signaling Transduction antibody

**Calculated Mw**

107 kDa

## Images

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ARG63638 anti-NIR1 / PITPNM3 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Cerebral Cortex. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63638 anti-NIR1 / PITPNM3 antibody at 5 µg/ml dilution followed by AP-staining.