

## Product datasheet for **TA360944**

### **NIR1 (PITPNM3) Rabbit Polyclonal Antibody**

#### **Product data:**

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen is a synthetic peptide directed towards the C terminal region of human PITPNM3  |
| Specificity:            | <b>Expected reactivity:</b> Human   |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration:          | lot specific  |
| Purification:           | Affinity purified   |
| Conjugation:            | Unconjugated  |
| Storage:                | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.   |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | 107 kDa   |
| Gene Name:              | PITPNM family member 3  |
| Database Link:          | <a href="#">NP_112497.2</a><br><a href="#">Entrez Gene 83394 Human Q9BZ71</a>   |



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**Background:**

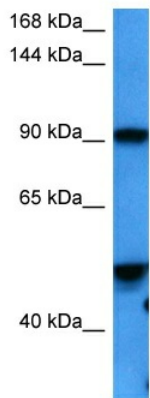
This gene encodes a member of a family of membrane-associated phosphatidylinositol transfer domain-containing proteins. The calcium-binding protein has phosphatidylinositol (PI) transfer activity and interacts with the protein tyrosine kinase PTK2B (also known as PYK2). The protein is homologous to a 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.

**Synonyms:**

CORD5; MGC157740; MGC157741; NIR-1; NIR1; RDGBA3

**Protein Families:**

Druggable Genome

**Product images:**


Host: Rabbit  
 Target Name: PITPNM3  
 Sample Type: Leiomyosarcoma Tumor Lysate  
 Antibody Dilution: 1.0µg/ml

Host: Rabbit  
 Target Name: PITPNM3  
 Sample Tissue: Human Leiomyosarcoma lysates  
 Antibody Dilution: 1 ug/ml