# LRIG3 Conjugated Antibody

Catalog No: #C36955

Package Size: #C36955-AF350 100ul #C36955-AF405 100ul #C36955-AF488 100ul #C36955-AF555 100ul #C36955-AF594 100ul #C36955-AF647 100ul #C36955-AF680 100ul #C36955-AF750 100ul #C36955-Biotin 100ul

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## Description

| | |
|---|---|
| Product Name | LRIG3 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total LRIG3 protein. |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human leucine-rich repeats and immunoglobulin-like domains 3 |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | LIG3 |
| Accession No. | Swiss-Prot#:Q6UXM1NCBI Gene ID:121227NCBI Protein#:NP_700356 |
| Uniprot | Q6UXM1 |
| GeneID | 121227; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

Leucine-rich repeats and immunoglobulin-like domains 3 (Lrig3) was identified by microarray analysis among genes that show differential expression during gastrulation in Xenopus laevis.?Lrig3?was expressed in the neural plate and neural crest (NC) at neurula stages, and in NC derivatives and other dorsal structures during tailbud stages. A prominent consequence of the morpholino-induced inhibition of?Lrig3?expression was impaired NC formation, as revealed by the suppression of marker genes, including Slug, Sox9 and Foxd3.

Note: This product is for in vitro research use only