

## TRDN Conjugated Antibody

Catalog No: #C28722



Package Size: #C28722-AF350 100ul #C28722-AF405 100ul #C28722-AF488 100ul  
 #C28722-AF555 100ul #C28722-AF594 100ul #C28722-AF647 100ul  
 #C28722-AF680 100ul #C28722-AF750 100ul #C28722-Biotin 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | TRDN Conjugated Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Affinity purification  |
| Applications          | most applications  |
| Species Reactivity    | Ms,Rt  |
| Immunogen Description | Recombinant fusion protein of human TRDN (NP_001242949.1).   |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | TRDN; CPVT5; TDN; TRISK; triadin   |
| Accession No.         | Swiss-Prot#:Q13061NCBI Gene ID:10345   |
| Uniprot               | Q13061   |
| GeneID                | 10345;   |
| 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 |
| Calculated MW         | Refer to figures   |
| 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

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## Background

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This gene encodes an integral membrane protein that contains a single transmembrane domain. A similar protein in rabbits plays a role in skeletal muscle excitation-contraction coupling as part of the calcium release complex in association with the ryanodine receptor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and single nucleotide polymorphisms in this gene may be markers for IgA nephritis.

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Note: This product is for in vitro research use only