

# PKD1L2 Conjugated Antibody

Catalog No: #C28775



Package Size: #C28775-AF350 100ul #C28775-AF405 100ul #C28775-AF488 100ul  
 #C28775-AF555 100ul #C28775-AF594 100ul #C28775-AF647 100ul  
 #C28775-AF680 100ul #C28775-AF750 100ul #C28775-Biotin 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | PKD1L2 Conjugated Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Affinity purification  |
| Applications          | most applications  |
| Species Reactivity    | Ms   |
| Immunogen Description | Recombinant fusion protein of human PKD1L2 (NP_001265352.1).   |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | PKD1L2; PC1L2; polycystin 1 like 2 (gene/pseudogene)   |
| Accession No.         | Swiss-Prot#:Q7Z442NCBI Gene ID:114780  |
| Uniprot               | Q7Z442   |
| GeneID                | 114780;  |
| 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         | 33kDa  |
| 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 a member of the polycystin protein family. The encoded protein contains 11 transmembrane domains, a latrophilin/CL-1-like GPCR proteolytic site (GPS) domain, and a polycystin-1, lipoxygenase, alpha-toxin (PLAT) domain. This protein may function as a component of cation channel pores. This gene appears to be a polymorphic pseudogene in humans, where some individuals contain a non-functional allele. Alternative splicing results in multiple transcript variants.

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Note: This product is for in vitro research use only