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Datasheet for ABIN7139764  
**anti-CAPRIN2 antibody (AA 83-100) (Biotin)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | CAPRIN2                                       |
| Binding Specificity: | AA 83-100                                     |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                    |
| Conjugate:           | This CAPRIN2 antibody is conjugated to Biotin |
| Application:         | ELISA   |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Peptide sequence from Human Caprin-2 protein (83-100AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | Antigen Affinity Purified                               |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CAPRIN2  |
| Alternative Name: | CAPRIN2 ( <a href="#">CAPRIN2 Products</a> )   |
| Background:       | Background: Promotes phosphorylation of the Wnt coreceptor LRP6, leading to increased activity of the canonical Wnt signaling pathway (PubMed:18762581). Faciliates constitutive |

## Target Details

LRP6 phosphorylation by CDK14/CCNY during G2/M stage of the cell cycle, which may potentiate cells for Wnt signaling (PubMed:27821587). May regulate the transport and translation of mRNAs, modulating for instance the expression of proteins involved in synaptic plasticity in neurons (By similarity). Involved in regulation of growth as erythroblasts shift from a highly proliferative state towards their terminal phase of differentiation (PubMed:14593112). May be involved in apoptosis (PubMed:14593112).

Aliases: C1q domain-containing protein 1 antibody, C1QDC1 antibody, CAPR2\_HUMAN antibody, Caprin family member 2 antibody, Caprin-2 antibody, caprin2 antibody, Cytoplasmic activation/proliferation-associated protein 2 antibody, EEG 1 antibody, EEG1 antibody, Gastric cancer multidrug resistance-associated protein antibody, KIAA1873 antibody, Protein EEG-1 antibody, RNA granule protein 140 antibody, RNG140 antibody

UniProt: [Q6IMN6](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.