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Datasheet for ABIN1698964

**anti-CAPRIN2 antibody (AA 101-200) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	CAPRIN2
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPRIN2 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CAPRIN2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	CAPRIN2
Alternative Name:	CAPRIN2 ( <a href="#">CAPRIN2 Products</a> )

## Target Details

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

Background: Caprin2 is 1127 amino acid highly conserved protein that is ubiquitously expressed with highest levels of expression in brain and spleen. Caprin2 stabilizes cytosolic  $\beta$ -catenin and enhances LEF-1 dependent reporter gene activity as well as the expression of Wnt target genes in mammalian cells. Caprin2 promotes LRP5/6 phosphorylation by GSK-3 and enhances the interaction between Axin and LRP5/6. It is suggested that Caprin2 functions as a proapoptotic inhibitor of the cell cycle. Nine isoforms of Caprin2 exist due to alternative splicing events.

Gene ID: 65981

UniProt: [Q6IMN6](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1  $\mu$ g/ $\mu$ L

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months