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Datasheet for ABIN1700777

anti-CAPRIN2 antibody (AA 101-200) (Biotin)

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 Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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 (CAPRIN2 Products)

Target Details

Background:	<p>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.</p> <p>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 β-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.</p>
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Gene ID:	65981
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UniProt:	Q6IMN6
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
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 for 12 months.
Expiry Date:	12 months