

## Anti-CAPRIN1 antibody

<b>Cat. No.</b>	ml121882
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-CAPRIN1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Fusion protein of human CAPRIN1
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.2 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	CAPRIN1
<b>Full name</b>	cell cycle associated protein 1
<b>Synonyms</b>	M11S1; GPIAP1; RNG105; GPIP137; p137GPI
<b>Swissprot</b>	Q14444

### Target Background

Caprin-1 is a protein that in humans is encoded by the CAPRIN1 gene. May regulate the transport and translation of mRNAs of proteins involved in synaptic plasticity in neurons and cell proliferation and migration in multiple cell types. May form homomultimers. Directly interacts with G3BP1 in cytoplasmic RNA granules. Binds directly and selectively to MYC and CCND2 RNAs. In neuronal cells, directly binds to several mRNAs associated with RNA granules, including BDNF, CAMK2A, CREB1, MAP2, NTRK2 mRNAs, as well as to GRIN1 and KPNB1 mRNAs, but not to rRNAs.

订购热线: 4008-898-798

#### Applications

##### Western blotting

Predicted band size: 78 kDa

Positive control: K562 cells

Recommended dilution: 200-1000

Gel: 10% SDS-PAGE

Lysate: 40 µg

Lane: K562 cells

Primary antibody: ml121882 (CAPRIN1 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



##### ELISA

Recommended dilution: 1000-2000

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