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## Datasheet for ABIN7178813 **anti-Caprin-1 antibody (AA 2-707)**

### Overview

Quantity:	100 µg
Target:	Caprin-1
Binding Specificity:	AA 2-707
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caprin-1 antibody is un-conjugated
Application:	ELISA

### Product Details

Immunogen:	Recombinant Rat Caprin-1 protein (2-707AA)
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	>95%, Protein G purified

### Target Details

Target:	Caprin-1
Alternative Name:	Caprin1 ( <a href="#">Caprin-1 Products</a> )
Background:	Background: 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. Binds

## Target Details

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.

Aliases: Caprin1 antibody, Gpiap1 antibody, Rng105Caprin-1 antibody, Cytoplasmic activation- and proliferation-associated protein 1 antibody, GPI-anchored protein p137 antibody, GPI-p137 antibody, p137GPI antibody, RNA granule protein 105 antibody

UniProt: [Q5M9G3](#)

## 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.