

Rabbit anti-Human, Mouse CAPRIN1 Polyclonal Antibody | anti-CAPRIN1 antibody

Rabbit anti-CAPRIN1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212343	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

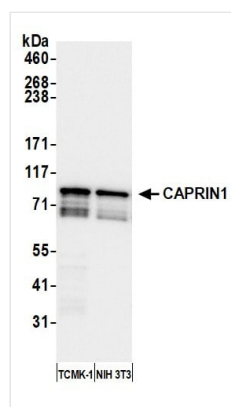
PRODUCT SYNONYMS

CAPRIN1; Polyclonal Antibody; Rabbit anti-CAPRIN1 Antibody; Affinity Purified; GPI-anchored protein p137; RNG105; RNA granule protein 105; p137GPI; membrane component chromosome 11 surface marker 1; M11S1; GRIP137; GPI-p137; GPIAP1; GPI-anchored membrane protein 1; cytoplasmic activation/proliferation-associated protein-1; cytoplasmic activation- and proliferation-associated protein 1; Cell cycle-associated protein 1; caprin-1; caprin 1; activation/proliferation-associated protein 1; GPIP137; Caprin-1; cell cycle associated protein 1; anti-CAPRIN1 antibody

PRODUCT SPECIFICATIONS

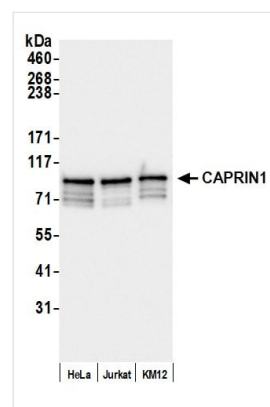
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CAPRIN1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 550 and 600
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



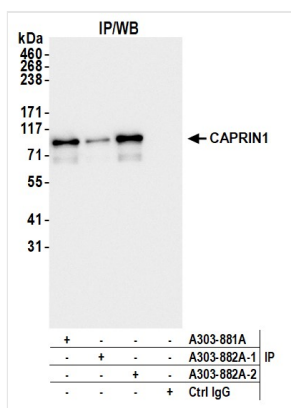
WB (Western Blot)

Detection of mouse CAPRIN1 by western blot. Samples: Whole cell lysate (10 ug) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CAPRIN1 antibody (AAA212343 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



WB (Western Blot)

Detection of human CAPRIN1 by western blot. Samples: Whole cell lysate (10 ug) from HeLa, Jurkat, and KM12 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CAPRIN1 antibody (AAA212343 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



IP (Immunoprecipitation)

Detection of human CAPRIN1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg per IP; 5% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CAPRIN1 antibody (AAA212343 lot 2) used for IP at 6 ug per reaction. CAPRIN1 was also immunoprecipitated by a previous lot of this antibody (AAA212343 lot 1) and a second antibody against a different epitope of CAPRIN1. For blotting immunoprecipitated CAPRIN1, AAA212343 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CAPRIN1 antibody	CAPRIN1 (cell cycle-associated protein 1) 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q14444].
Product Categories/Family for anti-CAPRIN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	42558250
NCBI GeneID	4076
NCBI Accession #	NP_005889.3; NP_976240.1
NCBI GenBank Nucleotide #	NM_005898.4
UniProt Accession #	Q14444; Q15074; Q6IMN4; Q6IMN7; Q9BV09; A6NMY7; D3DR06
Molecular Weight	76,862 Da
NCBI Official Full Name	caprin-1 isoform 1
NCBI Official Synonym Full Names	cell cycle associated protein 1
NCBI Official Symbol	CAPRIN1
NCBI Official Synonym Symbols	M11S1; GPIAP1; RNG105; GPIP137; GRIP137; p137GPI
NCBI Protein Information	caprin-1
UniProt Protein Name	Caprin-1
UniProt Gene Name	CAPRIN1
UniProt Synonym Gene Names	GPIAP1; GPIP137; M11S1; RNG105; GPI-p137; p137GPI
UniProt Entry Name	CAPR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

