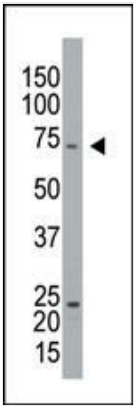
CAPRIN1 Antibody – Rabbit Polyclonal

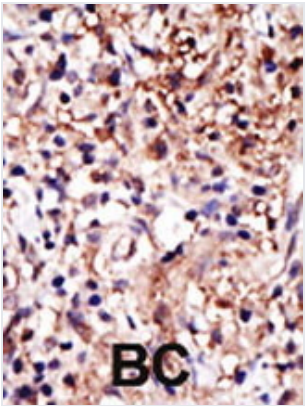
PRODUCT OVERVIEW

Product Name	GPIP137 (CAPRIN1), Polyclonal Antibody
Full Product Name	GPIP137, CT (Caprin-1, Cytoplasmic Activation- and Proliferation-associated Protein 1, GPI-anchored Membrane Protein 1, GPI-anchored Protein p137, p137GPI, Cell Cycle-associated Protein 1, Membrane Component Chromosome 11 Surface Marker 1, CAPRIN1, GPIAP1
Product Gene Name	anti-CAPRIN1 antibody
Product Synonym Names	Anti -GPIP137, CT (Caprin-1, Cytoplasmic Activation- and Proliferation-associated Protein 1, GPI-anchored Membrane Protein 1, GPI-anchored Protein p137, p137GPI, Cell Cycle-associated Protein 1, Membrane Component Chromosome 11 Surface Marker 1, CAPRIN1, GPIAP1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein G affinity chromatography.
Specificity	Recognizes human GPIP137.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	78,366 Da
OMIM	601178
3D Structure	ModBase 3D Structure for Q14444
Immunogen	Synthetic peptide selected from the C-terminjal region of human GPIP137 (KLH).
Product Categories/Family for anti-CAPRIN1 antibody	Antibodies; Abs to Proteins
Applications Tested/Suitable for anti-CAPRIN1 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CAPRIN1 antibody	Suitable for use in ELISA, Western Blot, and Immunohistochemistry. Dilution: ELISA: 1:1,000 Western Blot: 1:100-1:500 Immunohistochemistry: 1:50-1:100
Related Product Information for anti-CAPRIN1 antibody	GPIP137 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. It is expressed in the cytoplasm.
Other Notes	Small volumes of anti-CAPRIN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for CAPRIN1 purchase	MBS627651 is an antibody targeting CAPRIN1. Also known as GPIP137, CT (Caprin-1, Cytoplasmic Activation- and Proliferation-associated Protein 1, GPI-anchored Membrane Protein 1, GPI-anchored Protein p137, p137GPI, Cell Cycle-associated Protein 1, Membrane Component Chromosome 11 Surface Marker 1, CAPRIN1, GPIAP1. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-CAPRIN1 antibody
The anti-GPIP137 Pab is used in Western blot to detect GPIP137 in HL-60 cell lysate.



Immunohistochemistry (IHC) of anti-CAPRIN1 antibody
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CAPRIN1. It may not necessarily be applicable to this product.

NCBI GI #	902313
UniProt Primary Accession #	Q14444
UniProt Secondary Accession #	Q15074; Q6IMN4; Q6IMN7; Q9BV09; A6NMY7; D3DR06
NCBI Official Full Name	GPIP137
UniProt Protein Name	Caprin-1
UniProt Synonym Protein Names	Cell cycle-associated protein 1; Cytoplasmic activation- and proliferation-associated protein 1; GPI-anchored membrane protein 1; GPI-anchored protein p137; GPI-p137; p137GPI; Membrane component chromosome 11 surface marker 1; RNA granule protein 105
Protein Family	Caprin
UniProt Gene Name	CAPRIN1
UniProt Synonym Gene Names	GPIAP1; GPIP137; M11S1; RNG105
UniProt Entry Name	CAPR1_HUMAN
UniProt Comments for CAPRIN1	CAPRIN1: 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. Belongs to the caprin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cell surface; RNA-binding Chromosomal Location of Human Ortholog: 11p13 Cellular Component: membrane; stress granule; integral to plasma membrane; cytoplasm; dendrite; cytosol Molecular Function: RNA binding Biological Process: negative regulation of translation; positive regulation of dendrite morphogenesis

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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