

ARG57035
anti-CACYBP antibody [3G8]Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [3G8] recognizes CACYBP
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	3G8
Isotype	IgG2a, kappa
Target Name	CACYBP
Species	Human
Immunogen	Recombinant fragment around aa. 1-185 of Human CACYBP.
Conjugation	Un-conjugated
Alternate Names	S100A6-binding protein; SIP; S100A6BP; GIG5; hCacyBP; CacyBP; Siah-interacting protein; Calcyclin-binding protein; PNAS-107

Application Instructions

Application table	Application	Dilution
	WB	1:1000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 27101 Human](#)

[Swiss-port # O9HB71 Human](#)

Gene Symbol

CACYBP

Gene Full Name

calcyclin binding protein

Background

The protein encoded by this gene is a calcyclin binding protein. It may be involved in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. It probably serves as a molecular bridge in ubiquitin E3 complexes and participates in the ubiquitin-mediated degradation of beta-catenin. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function

May be involved in calcium-dependent ubiquitination and subsequent proteasomal degradation of target proteins. Probably serves as a molecular bridge in ubiquitin E3 complexes. Participates in the ubiquitin-mediated degradation of beta-catenin (CTNNB1). [UniProt]

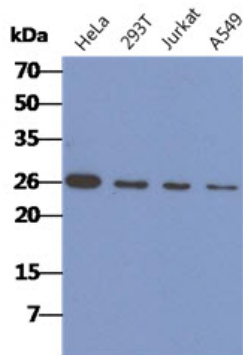
Calculated Mw

26 kDa

PTM

Phosphorylated on serine residues. Phosphorylated upon induction by RA or at high calcium concentrations.

Images



ARG57035 anti-CACYBP antibody [3G8] WB image

Western blot: 40 µg of HeLa, 293T, Jurkat and A549 cell lysates stained with ARG57035 anti-CACYBP antibody [3G8] at 1:1000.