

Rabbit SIAH Interacting Protein Polyclonal Antibody | anti-CACYBP antibody

Anti-SIAH Interacting Protein antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45141	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SIAH Interacting Protein; Polyclonal Antibody; Anti-SIAH Interacting Protein antibody; Calcyclin-binding protein(CacyBP/hCacyBP); calcyclin binding protein; CACYBP antibody; Calcyclin binding protein antibody; GIG 5 antibody; GIG5 antibody; Growth inhibiting gene 5 antibody; Growth inhibiting gene 5 protein antibody; hCacyBP antibody; MGC87971 antibody; PNAS 107 antibody; PNAS107 antibody; RP1 102G20.6 antibody; S100A6 binding protein antibody; S100A6BP antibody; SIP antibody; anti-CACYBP antibody

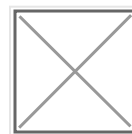
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	228
Applicable Applications for anti-CACYBP antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SIAH Interacting Protein (160-175aa NTRWDYLTQVEKECKE), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-CACYBP antibody, AAA45141,IHC(P)IHC(P): Human Liver Cancer Tissue

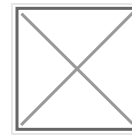


IHC (Immunohistochemistry)
Anti-CACYBP antibody, AAA45141,IHC(P)IHC(P): Rat Brain Tissue



ICC (Immunocytochemistry)

Anti-CACYBP antibody, AAA45141, ICCICC: A549 Cell



WB (Western Blot)

Anti-CACYBP antibody, AAA45141, Western blottingAll lanes: Anti CACYBP (AAA45141) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Rat Brain Tissue Lysate at 50ugLane 3: Rat Spleen Tissue Lysate at 50ugLane 4: SMMC Whole Cell Lysate at 40ugLane 5: COLO320 Whole Cell Lysate at 40ugLane 6: SW620 Whole Cell Lysate at 40ugLane 7: 293T Whole Cell Lysate at 40ugPredicted bind size: 26KDObserved bind size: 26KD

ADDITIONAL INFORMATION

Related Product Information for anti-CACYBP antibody

Description: Rabbit IgG polyclonal antibody for Calcyclin-binding protein(CACYBP) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat.

Background: CACYBP(Calcyclin-binding protein), also called SIP, is a protein that in humans is encoded by the CACYBP gene. The full-length SIP cDNA encodes a predicted 228-amino acid protein. Sequence analysis of the shortest cDNA derived by 2-hybrid screening revealed an 8-amino acid difference in the deduced open reading frame followed by a stop codon, resulting in a predicted 80-amino acid protein, SIP-short(SIPS). The CACYBP gene is mapped on 1q25.1. 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. The C-terminal region of SIP that is homologous to SGT1 was able to complement defects in yeast strains containing SGT1 mutant alleles, demonstrating conservation of SGT1 and SIP protein function.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46576651
NCBI GeneID	27101
UniProt Accession #	Q9HB71; O60666; Q5R370; Q5R371; B2ZWH2; B3KSF1
Molecular Weight	21,228 Da
NCBI Official Full Name	Calcyclin-binding protein
NCBI Official Synonym Full Names	calcyclin binding protein
NCBI Official Symbol	CACYBP
NCBI Official Synonym Symbols	SIP; GIG5; PNAS-107; S100A6BP
NCBI Protein Information	calcyclin-binding protein; hCacyBP; S100A6-binding protein; Siah-interacting protein (SIP); growth-inhibiting gene 5 protein
UniProt Protein Name	Calcyclin-binding protein
UniProt Gene Name	CACYBP
UniProt Synonym Gene Names	S100A6BP; SIP; CacyBP; hCacyBP
UniProt Entry Name	CYBP_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/siah-interacting-protein-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45141>