

Rabbit CACYBP Polyclonal Antibody | anti-CACYBP antibody

Anti-CACYBP Antibody

CATALOG # AAA46588	HOST Rabbit	REACTIVITY Human, Mouse, Rat No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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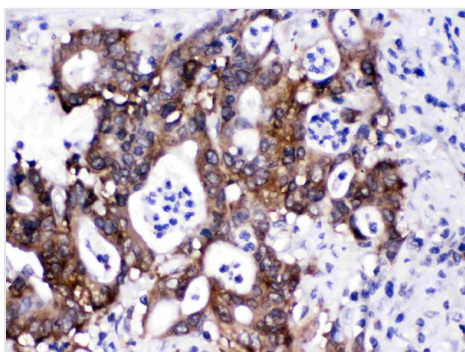
PRODUCT SYNONYMS

CACYBP; Polyclonal Antibody; Anti-CACYBP Antibody; Calcyclin-binding protein; GIG5; hCacyBP; PNAS107; S100A6-binding protein; S100A6BP; SIP; SIAH Interacting Protein; Siah-interacting protein; Q9HB71 ; calcyclin binding protein; anti-CACYBP antibody

PRODUCT SPECIFICATIONS

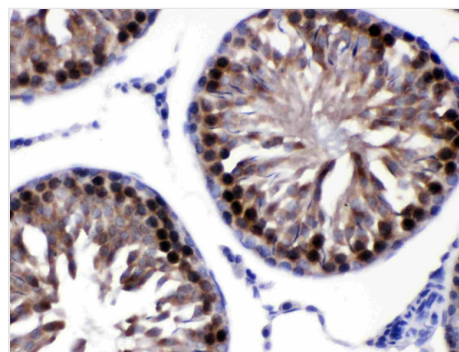
Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	185
Applicable Applications for anti-CACYBP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CACYBP (7-47aa QKDLEEVKVLLEKATRKVRDALTAEKSKIETEIKNKMQQK), different from the related mouse sequence by five amino acids, and from the related rat sequence by six amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
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



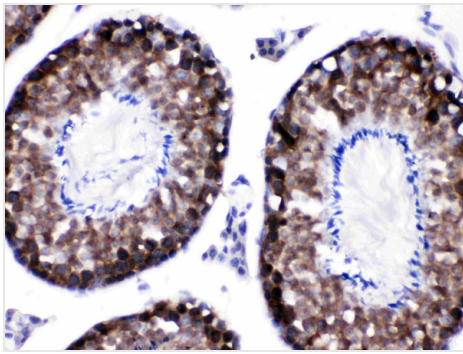
IHC (Immunohistochemistry)

CACYBP was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- CACYBP Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



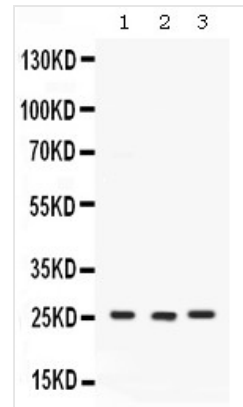
IHC (Immunohistochemistry)

CACYBP was detected in paraffin-embedded sections of rat testis tissues using rabbit anti- CACYBP Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

CACYBP was detected in paraffin-embedded sections of mouse testis tissues using rabbit anti- CACYBP Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of CACYBP expression in rat brain extract (lane 1), mouse testis extract (lane 2) and SW620 whole cell lysates (lane 3). CACYBP at 26KD was detected using rabbit anti-CACYBP Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-CACYBP antibody	Rabbit IgG polyclonal antibody for Calcyclin-binding protein (CACYBP) detection. Background: Calcyclin-binding protein is a protein that in humans is encoded by the CACYBP gene. And this gene is mapped to 1q24-q25. 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. In addition, 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.
References	1. Matsuzawa, S., Reed, J. C. Siah-1, SIP, and Ebi collaborate in a novel pathway for beta-catenin degradation linked to p53 responses. <i>Molec. Cell</i> 7: 915-926, 2001. 2. Sun S, Ning X, Liu J, et al. (2007). "Overexpressed CacyBP/SIP leads to the suppression of growth in renal cell carcinoma.". <i>Biochem. Biophys. Res. Commun.</i> 356 (4): 864-71.

NCBI AND UNIPROT INFORMATION

NCBI GI #	60218913
NCBI GeneID	27101
NCBI Accession #	NP_001007215.1
NCBI GenBank Nucleotide #	NM_001007214.1
UniProt Accession #	Q9HB71 ; O60666 ; Q5R370 ; Q5R371 ; B2ZWH2 ; B3KSF1
Molecular Weight	21,228 Da
NCBI Official Full Name	calcyclin-binding protein isoform 2
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
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/cacybp-antibody-immunohistochemistry-western-blot-elisa/46588>