

Datasheet for ABIN4886495
anti-CACYBP antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	CACYBP
Binding Specificity:	AA 7-47, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Calcyclin-binding protein(CACYBP) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human CACYBP (7-47aa QKDLEEVKVLLEKATRKRVRDALTAEKSKIETEIKNKMQQK), different from the related mouse sequence by five amino acids, and from the related rat sequence by six amino acids.
Sequence:	QKDLEEVKVL LEKATRKRVR DALTAEKSKI ETEIKNKMQQ K
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Calcyclin-binding protein(CACYBP) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: calcyclin binding protein Protein Name: Calcyclin-binding protein

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: CACYBP

Alternative Name: CACYBP ([CACYBP Products](#))

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.

Synonyms: CACYBP | Calcyclin-binding protein | GIG5 | hCacyBP | PNAS107 | S100A6-binding protein | S100A6BP | S100A6BP | SIP | SIAH Interacting Protein | Siah-interacting protein | Q9HB71

Gene ID: 27101

Pathways: [Response to Growth Hormone Stimulus](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

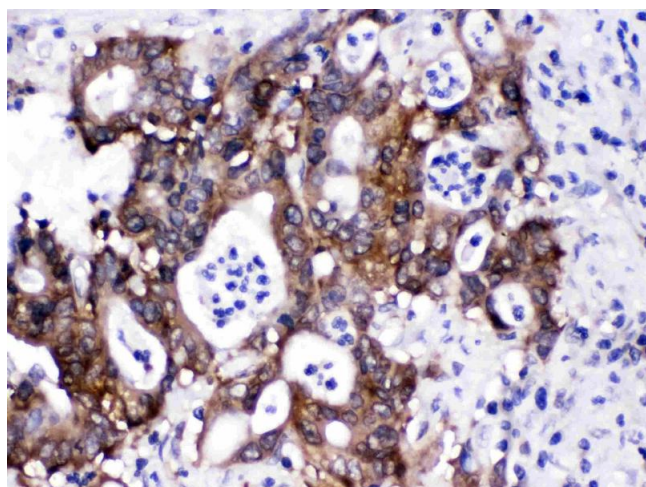
Handling

Format: Lyophilized

Handling

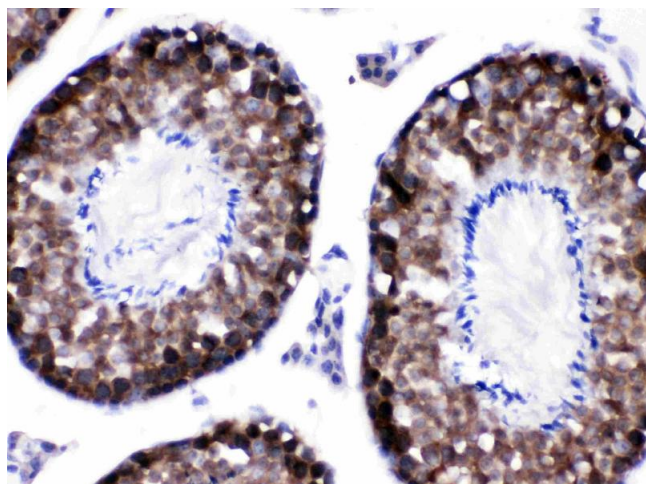
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



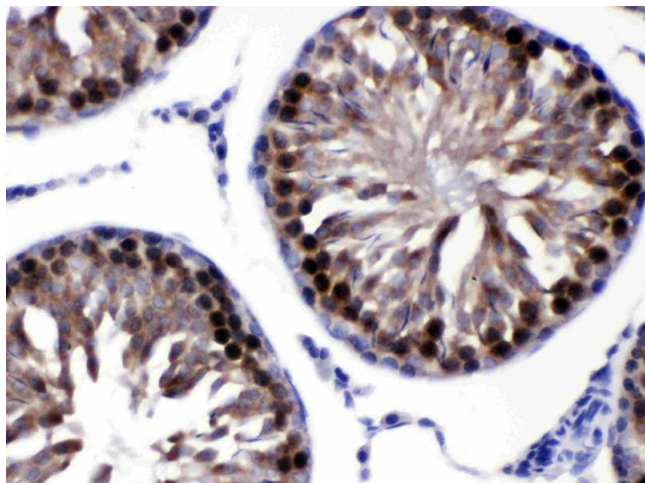
Immunohistochemistry

Image 1. CACYBP was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- CACYBP Antigen Affinity purified polyclonal antibody (Catalog #) at 1 µg/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).



Immunohistochemistry

Image 2. CACYBP was detected in paraffin-embedded sections of mouse testis tissues using rabbit anti- CACYBP Antigen Affinity purified polyclonal antibody (Catalog #) at 1 µg/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).



Immunohistochemistry

Image 3. CACYBP was detected in paraffin-embedded sections of rat testis tissues using rabbit anti- CACYBP Antigen Affinity purified polyclonal antibody (Catalog #) at 1 $\mu\text{g/mL}$. The immunohistochemical section was developed using SABC method (Catalog # SA1022).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN4886495.