

Rabbit MYCBP Polyclonal Antibody | anti-MYCBP antibody

Anti-MYCBP Antibody Picoband

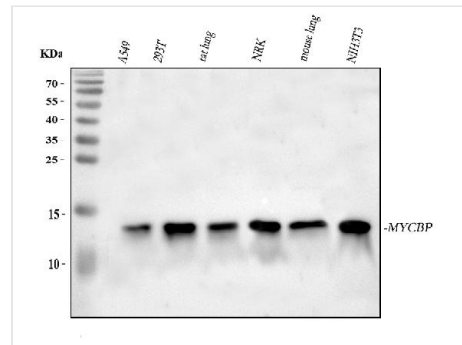
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19864	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

MYCBP; Polyclonal Antibody; Anti-MYCBP Antibody Picoband; AP-2 complex subunit mu; ELAV like RNA binding protein 2; ELAV-like protein 2; ELAV-like neuronal protein 1; Hu-antigen B; HuB; Nervous system-specific RNA-binding protein Hel-N1; ELAVL2; HUB; anti-MYCBP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Brain; neural-specific.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-MYCBP antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA
Application Notes	WB: 0.25-0.5ug/ml, Human, Mouse, Rat IHC: 2-5ug/ml, Human FC/FACS (Fixed): 1-3ug/1x10 ⁶ cells, Human ELISA: 0.1-0.5ug/ml
Immunogen	E coli-derived human MYCBP recombinant protein (Position: M1-E103).
Subcellular Localization	Cytoplasm, Nucleus, Cytoplasm
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Cross Reactivity	No cross-reactivity with other proteins.
Protein Function	Binds RNA. Seems to recognize a GAAA motif. Can bind to its own 3'-UTR, the FOS 3'-UTR and the ID 3'-UTR.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)

Figure 5. IHC analysis of MYCBP using anti-MYCBP antibody (AAA19864). MYCBP was detected in a paraffin-embedded section of human testicular germ cell tumors. tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-MYCBP Antibody (AAA19864) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-MYCBP Antibody (AAA19864) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-MYCBP Antibody (AAA19864) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-MYCBP Antibody (AAA19864) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Lane 2: human 293T whole cell lysates; Lane 3: rat lung tissue lysates; Lane 4: rat NRK whole cell lysates; Lane 5: mouse lung tissue lysates; Lane 6: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-MYCBP antigen affinity purified polyclonal antibody (#AAA19864) at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for MYCBP at approximately 12 kDa. The expected band size for MYCBP is at 12 kDa.

Related Product Information for anti-MYCBP antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-MYCBP antibody	Primary Antibodies ; DNA/RNA ; Epigenetics and Nuclear Signaling ; RNA Processing
References	1. Furusawa, M., Ohnishi, T., Taira, T., Iguchi-Ariga, S. M. M., Ariga, H. AMY-1, a c-Myc-binding protein, is localized in the mitochondria of sperm by association with S-AKAP84, an anchor protein of cAMP-dependent protein kinase. J. Biol. Chem. 276: 36647-36651, 2001.2. Taira, T., Maeda, J., Onishi, T., Kitaura, H., Yoshida, S., Kato, H., Ikeda, M., Tamai, K., Iguchi-Ariga, S. M. M., Ariga, H. AMY-1, a novel C-MYC binding protein that stimulates transcription activity of C-MYC. Genes Cells 3: 549-565, 1998.

NCBI GI #	33112671
NCBI GeneID	26292

UniProt Accession #	Q99417 ; Q5TA64 ; Q96HE2 ; B2R4N0
Molecular Weight	103
NCBI Official Full Name	C-Myc-binding protein
NCBI Official Synonym Full Names	MYC binding protein
NCBI Official Symbol	MYCBP
NCBI Official Synonym Symbols	AMY-1
NCBI Protein Information	C-Myc-binding protein; associate of myc-1; c-myc binding protein
UniProt Protein Name	C-Myc-binding protein
UniProt Gene Name	MYCBP
UniProt Synonym Gene Names	AMY1; AMY-1
UniProt Entry Name	MYCBP_HUMAN

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mycbp-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/19864>