

Rabbit anti-Human, Mouse CAPZB Polyclonal Antibody | anti-CAPZB antibody

Rabbit anti-CAPZB Antibody, Affinity Purified

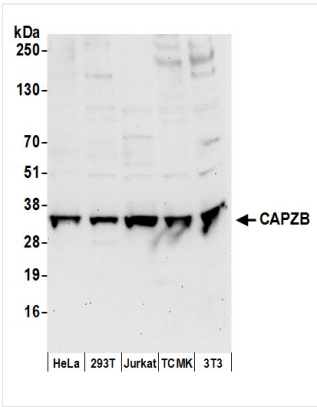
CATALOG # AAA212897	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

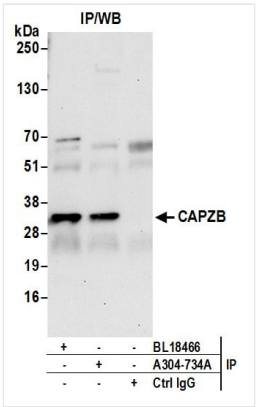
CAPZB; Polyclonal Antibody; Rabbit anti-CAPZB Antibody; Affinity Purified; CAPB; F-actin-capping protein subunit beta; epididymis secretory sperm binding protein; capZ beta; CAPZ; capping protein (actin filament) muscle Z-line; beta; CAPPB; capping actin protein of muscle Z-line beta subunit; capping actin protein of muscle Z-line subunit beta; anti-CAPZB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CAPZB antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Chicken, Bovine, Pig, Orangutan
Immunogen	Between 25 and 75
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human and mouse CAPZB by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CAPZB antibody AAA212897 (lot AAA212897-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human CAPZB by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CAPZB antibody AAA212897 (lot AAA212897-1) used for IP at 6 ug per reaction. CAPZB was also immunoprecipitated by rabbit anti-CAPZB antibody BL18466. For blotting immunoprecipitated CAPZB, AAA212897 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CAPZB antibody	CAPZB is the beta subunit of the barbed-end actin binding protein, which belongs to the F-actin capping protein family. The capping protein is a heterodimeric actin capping protein that blocks actin filament assembly and disassembly at the fast growing (barbed) filament ends and functions in regulating actin filament dynamics as well as in stabilizing actin filament lengths in muscle and nonmuscle cells [taken from NCBI Entrez Gene (Gene ID: 832)].
Product Categories/Family for anti-CAPZB antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	330864679
NCBI GeneID	832
NCBI Accession #	NP_001193469.1
NCBI GenBank Nucleotide #	NM_001206540.2
UniProt Accession #	P47756; Q32Q68; Q5U0L4; Q8TB49; Q9NUC4
Molecular Weight	– Da
NCBI Official Full Name	F-actin-capping protein subunit beta isoform 2
NCBI Official Synonym Full Names	capping protein (actin filament) muscle Z-line, beta
NCBI Official Symbol	CAPZB
NCBI Official Synonym Symbols	CAPB; CAPZ; CAPPB
NCBI Protein Information	F-actin-capping protein subunit beta; capZ beta
UniProt Protein Name	F-actin-capping protein subunit beta
UniProt Gene Name	CAPZB

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.

