

Rabbit CAPZA1 Polyclonal Antibody | anti-CAPZA1 antibody

CAPZA1 Antibody (N-term)

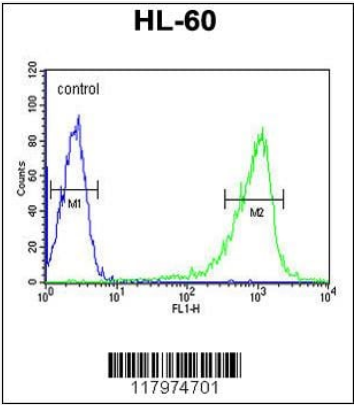
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289706	Rabbit	Human (Predicted Reactivity: Monkey)	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

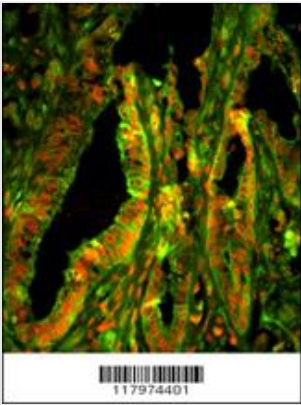
CAPZA1; Polyclonal Antibody; CAPZA1 Antibody (N-term); F-actin-capping protein subunit alpha-1; CapZ alpha-1; anti-CAPZA1 antibody

PRODUCT SPECIFICATIONS

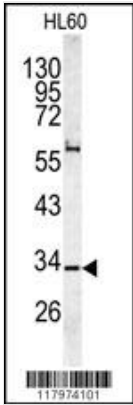
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CAPZA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CAPZA1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	286
Applicable Applications for anti-CAPZA1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CAPZA1 Antibody (N-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Immunofluorescence analysis of CAPZA1 Antibody (N-term) with paraffin-embedded human prostate carcinoma tissue. 0.05 mg/ml primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence.Red counterstaining is PI.



WB (Western Blot)
Western blot analysis of CAPZA1 antibody (N-term) in HL60 cell line lysates (35ug/lane). CAPZA1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CAPZA1 antibody	CAPZA1 is a member of the F-actin capping protein alpha subunit family. The protein regulates growth of the actin filament by capping the barbed end of growing actin filaments.
Product Categories/Family for anti-CAPZA1 antibody	Signal Transduction
References	Maun,N.A., Speicher,D.W. Biochemistry 35 (11), 3518-3524 (1996) Barron-Casella,E.A., Torres,M.A. J. Biol. Chem. 270 (37), 21472-21479 (1995) Canton,D.A., Olsten,M.E. J. Biol. Chem. 281 (47), 36347-36359 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453597
NCBI GeneID	829
NCBI Accession #	NP_006126.1
NCBI GenBank Nucleotide #	NM_006135.2
UniProt Accession #	P52907; Q53FQ6; Q6FHD5
Molecular Weight	32923

NCBI Official Full Name	F-actin-capping protein subunit alpha-1
NCBI Official Synonym Full Names	capping protein (actin filament) muscle Z-line, alpha 1
NCBI Official Symbol	CAPZA1
NCBI Official Synonym Symbols	CAPZ; CAZ1; CAPPA1
NCBI Protein Information	F-actin-capping protein subunit alpha-1
UniProt Protein Name	F-actin-capping protein subunit alpha-1
UniProt Gene Name	CAPZA1
UniProt Entry Name	CAZA1_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://www.aaabiotech.com/polyclonal/capza1-antibody-flow-cytometry-immunofluorescence-western-blot-elisa/289706>