

Rabbit anti-Human, Mouse CAPZA1 Polyclonal Antibody | anti-CAPZA1 antibody

CAPZA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232417	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

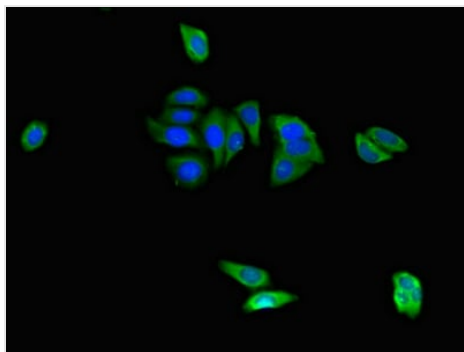
PRODUCT SYNONYMS

CAPZA1; Polyclonal Antibody; CAPZA1 Antibody; F-actin-capping protein subunit alpha-1; CapZ alpha-1; anti-CAPZA1 antibody

PRODUCT SPECIFICATIONS

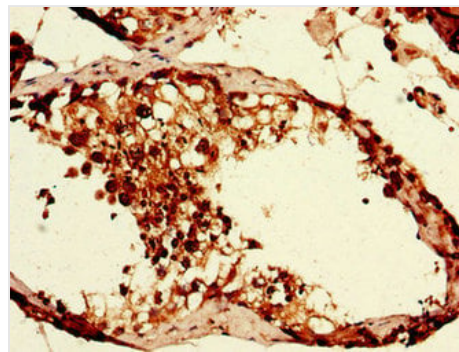
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	286
Applicable Applications for anti-CAPZA1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human F-actin-capping protein subunit alpha-1 protein (211-252AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-292144 / sc-374303
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



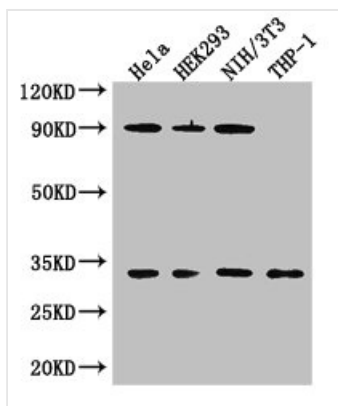
IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA232417 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232417 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, HEK293 whole cell lysate, NIH/3T3 whole cell lysate, THP-1 whole cell lysate. All lanes: CAPZA1 antibody at 3 µg/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 33 kDa. Observed band size: 33, 90 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CAPZA1 antibody

F-actin-capping proteins bind in a Ca²⁺-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments.

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	32,923 Da
NCBI Official Full Name	F-actin-capping protein subunit alpha-1
NCBI Official Synonym Full Names	capping actin protein of muscle Z-line alpha subunit 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/capza1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232417>