

Rabbit anti-Human CRTAP Polyclonal Antibody | anti-CRTAP antibody

CRTAP Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289096	Rabbit	Human	Western Blot, ELISA, Immunofluorescence

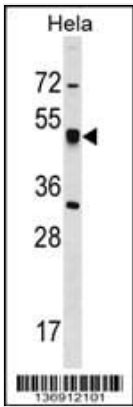
PRODUCT SYNONYMS

CRTAP; Polyclonal Antibody; CRTAP Antibody (N-term); Cartilage-associated protein; CASP; anti-CRTAP antibody

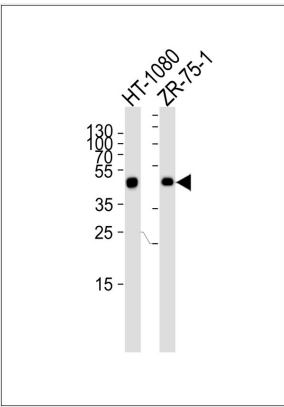
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CRTAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-59 amino acids from the N-terminal region of human CRTAP.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	31-59
Sequence Length	401
Applicable Applications for anti-CRTAP antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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.

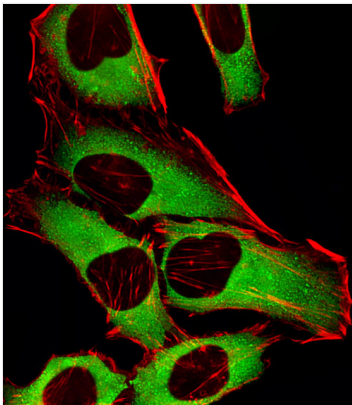
IMAGES



WB (Western Blot)
CRTAP Antibody (N-term) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the CRTAP antibody detected the CRTAP protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from HT-1080, ZR-75-1 cell line (from left to right), using CRTAP Antibody (N-term). AAA289096 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IF (Immunofluorescence)
Fluorescent image of HeLa cells stained with CRTAP Antibody (N-term). AAA289096 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-CRTAP antibody	The protein encoded by this gene is similar to the chicken and mouse CRTAP genes. The encoded protein is a scaffolding protein that may influence the activity of at least one member of the cytohesin/ARNO family in response to specific cellular stimuli. Defects in this gene are associated with osteogenesis imperfecta, a connective tissue disorder characterized by bone fragility and low bone mass.
Product Categories/Family for anti-CRTAP antibody	Crown Antibodies; Signal Transduction
References	Morello, R., et al. Curr Osteoporos Rep 8(2):77-83(2010) Li, G.H., et al. Osteoporos Int 21(6):1009-1020(2010) Fratzl-Zelman, N., et al. Bone 46(3):820-826(2010) Chang, W., et al. Hum. Mol. Genet. 19(2):223-234(2010) Marini, J.C., et al. Cell Tissue Res. 339(1):59-70(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453601
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NCBI GeneID	10491
NCBI Accession #	NP_006362.1
NCBI GenBank Nucleotide #	NM_006371.4
UniProt Accession #	O75718; B2RBL6
Molecular Weight	46562
NCBI Official Full Name	cartilage-associated protein
NCBI Official Synonym Full Names	cartilage associated protein
NCBI Official Symbol	CRTAP
NCBI Official Synonym Symbols	OI7; CASP; P3H5; LEPREL3
NCBI Protein Information	cartilage-associated protein
UniProt Protein Name	Cartilage-associated protein
UniProt Gene Name	CRTAP
UniProt Synonym Gene Names	CASP
UniProt Entry Name	CRTAP_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://stage.aaabiotech.com/polyclonal/crtap-antibody-western-blot-immunofluorescence-elisa/289096>