

CRTAP Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17060a

Specification

CRTAP Antibody (N-term) - Product Information

| | |
|-------------------|-----------------------------|
| Application | WB,E |
| Primary Accession | O75718 |
| Other Accession | NP_006362.1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 46562 |
| Antigen Region | 31-59 |

CRTAP Antibody (N-term) - Additional Information

Gene ID 10491

Other Names

Cartilage-associated protein, CRTAP, CASP

Target/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.

Dilution

WB~~1:1000

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CRTAP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CRTAP Antibody (N-term) - Protein Information

Name CRTAP

Synonyms CASP

Function Necessary for efficient 3-hydroxylation of fibrillar collagen prolyl residues.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

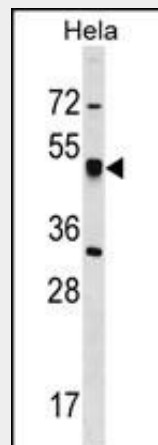
Found in articular chondrocytes. Expressed in a variety of tissues

CRTAP Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CRTAP Antibody (N-term) - Images



CRTAP Antibody (N-term) (Cat. #AP17060a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the CRTAP antibody detected the CRTAP protein (arrow).

CRTAP Antibody (N-term) - Background

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.

CRTAP Antibody (N-term) - 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)