

CRTAC1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18087a**Specification**

CRTAC1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9NQ79
Other Accession	O8R555 , NP_060528.3
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	71421
Antigen Region	130-156

CRTAC1 Antibody (N-term) - Additional Information**Gene ID** 55118**Other Names**

Cartilage acidic protein 1, 68 kDa chondrocyte-expressed protein, CEP-68, ASPIC, CRTAC1, ASPIC1, CEP68

Target/Specificity

This CRTAC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 130-156 amino acids from the N-terminal region of human CRTAC1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

CRTAC1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CRTAC1 Antibody (N-term) - Protein Information**Name** CRTAC1

Synonyms ASPIC1, CEP68

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

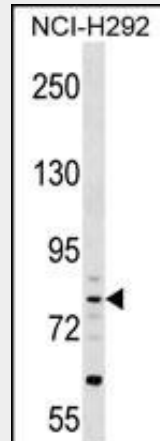
Expressed in the interterritorial matrix of articular deep zone cartilage (at protein level). Isoform 1 and isoform 2 are expressed in brain. Isoform 1 is detected in lung and chondrocytes. Detected in cartilage, bone, cultured chondrocytes and lung, and at low levels in heart. Not detected in osteoblasts

CRTAC1 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](#)

CRTAC1 Antibody (N-term) - Images



CRTAC1 Antibody (N-term) (Cat. #AP18087a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the CRTAC1 antibody detected the CRTAC1 protein (arrow).

CRTAC1 Antibody (N-term) - Background

The function of this protein remains unknown.

CRTAC1 Antibody (N-term) - References

Sebastiani, P., et al. Science (2010) In press :
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Zabaneh, D., et al. PLoS ONE 5 (8), E11961 (2010) :
Grgurevic, L., et al. Int Orthop 31(6):743-751(2007)
Steck, E., et al. Matrix Biol. 26(1):30-41(2007)