

# CRTAC1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18087a

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q9NQ79</a>
Other Accession	<a href="#">Q8R555</a> , <a href="#">NP_060528.3</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38216
Calculated MW	71421
Antigen Region	130-156

## Additional Information

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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.

## Protein Information

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Name	CRTAC1
Synonyms	ASPIC1, CEP68

<b>Cellular Location</b>	Secreted, extracellular space, extracellular matrix
<b>Tissue Location</b>	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

## Background

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The function of this protein remains unknown.

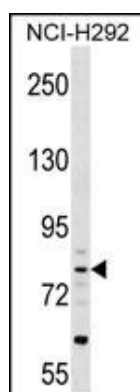
## References

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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)

## Images

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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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.