

Anti-CRTAC1 Antibody

Catalog Number: A10445-1

About CRTAC1

CRTAC1 (Cartilage acidic protein 1) is also named as ASPIC and 68 kDa chondrocyte-expressed protein (CEP-68). Cartilage acidic protein 1 (CRTAC1), a novel human marker which allowed discrimination of human chondrocytes from osteoblasts and mesenchymal stem cells (PMID: 17074475). CRTAC1 is a glycosylated calcium-binding extracellular matrix protein (PMID: 37796703). CRTAC1 acquired an alternate last exon from the tail-to-tail oriented neighbouring gene in humans resulting in the glycosylated isoform CRTAC1-A which represents a new extracellular matrix molecule of articular cartilage (PMID: 17074475). CRTAC1 was downregulated in bladder cancer tissues and cells (PMID: 34818994).

Overview

Product Name	Anti-CRTAC1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CRTAC1 Antibody catalog # A10445-1. Tested in WB, IHC, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9NQ79

Technical Details

Immunogen	E.coli-derived human CRTAC1 recombinant protein (Position: T200-D329).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 ELISA, 1:100-1000

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-CRTAC1 Antibody

For Research Use Only. Not for use in diagnostic procedures.