

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

Anti-CRTAP Antibody, Rabbit Polyclonal

CATALOG # AAA258967	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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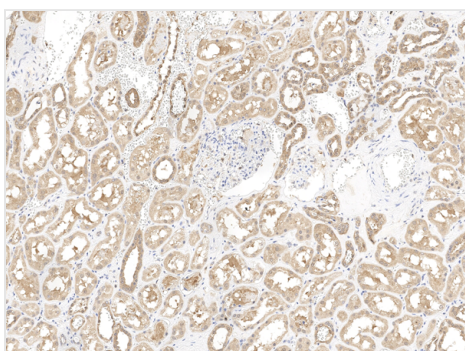
PRODUCT SYNONYMS

CRTAP; Polyclonal Antibody; Anti-CRTAP Antibody; Rabbit Polyclonal; anti-CRTAP antibody

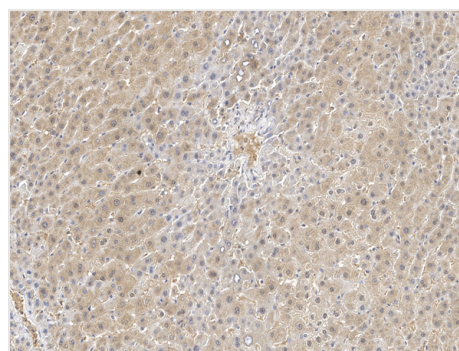
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CRTAP
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CRTAP antibody	IHC (Immunohistochemistry)
Immunogen	E coli-derived Human CRTAP fragment
Preparation	Produced in rabbits immunized with E coli-derived Human CRTAP fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human CRTAP in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-CRTAP antibody	Cartilage-associated protein (CRTAP) is an essential cofactor for the proper post-translational chain modification and collagen folding. The cartilage-associated protein (CRTAP) is part of a heterotrimeric complex (together with prolyl-3-hydroxylase-1 [P3H1] and cyclophilin B) that 3-hydroxylates the alpha 1 chain of collagen type I at proline residue 986 and plays a collagen chaperon role. CRTAP mutations lead mice (Crtap ^{-/-} mice) and humans (OI type VII) to a severe/lethal osteochondrodystrophy; patients have fractures at birth, deformities of the lower extremities and impaired growth.
References	Valli M, et al. (2012) Deficiency of crtap in non-lethal recessive osteogenesis imperfecta reduces collagen deposition into matrix. Clin Genet 82 (5): 453-459. Fratzl-Zelman N, et al. (2010) Crtap deficiency leads to abnormally high bone matrix mineralization in a murine model and in children with osteogenesis imperfecta type vii. Bone 46 (3): 820-826. Amor IM, et al. (2011) Severe osteogenesis imperfecta caused by a small in-frame deletion in crtap. Am J Med Genet A 155a (11): 2865-2870.

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-immunohistochemistry-elisa/258967>