

Product Datasheet

CRTAP Antibody (4D9) - Azide and BSA Free H00010491-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00010491-M01

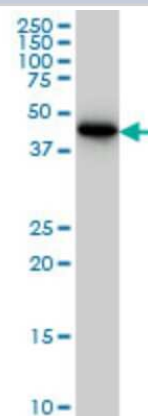
CRTAP Antibody (4D9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D9
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse CRTAP Antibody (4D9) - Azide and BSA Free (H00010491-M01) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-CRTAP Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10491
Gene Symbol	CRTAP
Species	Human
Specificity/Sensitivity	CRTAP (4D9)
Immunogen	CRTAP (NP_006362, 307 a.a. ~ 401 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KLNDLKNAAPCAVSYLLFDQNDKVMQQNLVYYQYHRDTWGLSDEHFQPRPEA VQFFNVTTLQKELYDFAKENIMDDDEGEVVEYVDDLLELEETS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

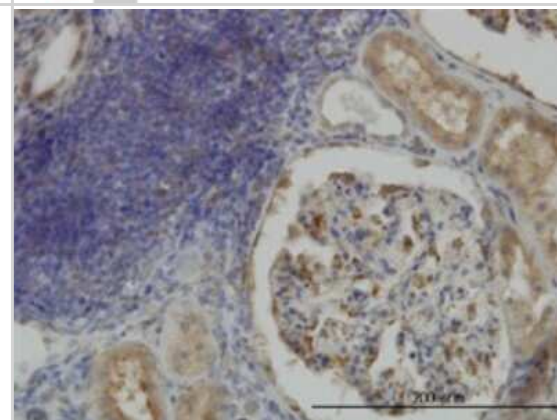


Images

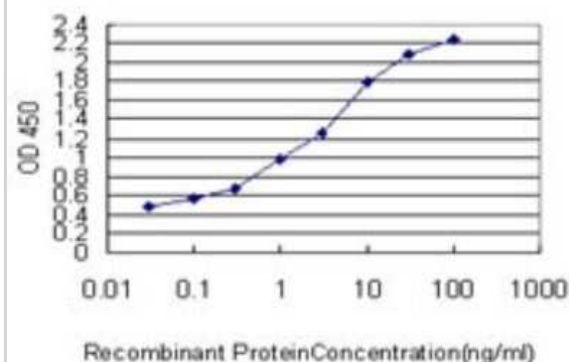
Western Blot: CRTAP Antibody (4D9) [H00010491-M01] - CRTAP monoclonal antibody (M01), clone 4D9 Analysis of CRTAP expression in HeLa.



Immunohistochemistry-Paraffin: CRTAP Antibody (4D9) [H00010491-M01] - Analysis of monoclonal antibody to CRTAP on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



Sandwich ELISA: CRTAP Antibody (4D9) [H00010491-M01] - Detection limit for recombinant GST tagged CRTAP is approximately 0.03ng/ml as a capture antibody.



Publications

Huang Y, Mei L, Lv W et al. Targeted exome sequencing identifies novel compound heterozygous mutations in LEPRE1 in a fetus with osteogenesis imperfecta type VIII. Clin Chim Acta 2016-11-15 [PMID: 27864101]

Choi JW, Sutor SL, Lindquist L et al. Severe osteogenesis imperfecta in cyclophilin B-deficient mice. PLoS Genet 5 (12):e1000750. 2009-12-01 [PMID: 19997487]

Chang W, Barnes AM, Cabral WA et al. Prolyl 3-hydroxylase 1 and CRTAP are mutually stabilizing in the endoplasmic reticulum collagen prolyl 3-hydroxylation complex. Hum Mol Genet;19(2):223-34. 2010-01-15 [PMID: 19846465]



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Products Related to H00010491-M01

NB800-PC1	HeLa Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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