

Product Datasheet

Carbonic Anhydrase I/CA1 Antibody NBP1-36740

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-36740

Carbonic Anhydrase I/CA1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	759
Gene Symbol	CA1
Species	Human
Specificity/Sensitivity	Reported variants represent identical protein: NP_001729.1, NP_001122303.1, NP_001122302.1, NP_001122301.1.
Immunogen	Peptide with sequence C-QAIKTKGKRAP corresponding to internal region according to NP_001729.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/ml, Immunohistochemistry 2.5 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	Western blot: Approx 29kDa band observed in Human Liver lysates (calculated MW of 28.9kDa according to NP_001729.1. Primary incubation was 1 hour. IHC: Paraffin embedded Human Spleen.

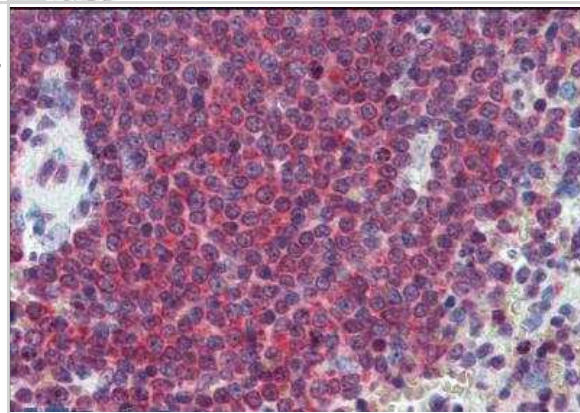


Images

Western Blot: Carbonic Anhydrase I/CA1 Antibody [NBP1-36740] - (0.03ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: Carbonic Anhydrase I/CA1 Antibody [NBP1-36740] - (2.5ug/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. Click



Publications

Gambhir KK, Ornasir J, Headings V, Bonar A. Decreased total carbonic anhydrase esterase activity and decreased levels of carbonic anhydrase 1 isozyme in erythrocytes of type II diabetic patients. Biochem Genet 2007-06-01 [PMID: 17464559]



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Products Related to NBP1-36740

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-88191PEP	Carbonic Anhydrase I/CA1 Recombinant Protein Antigen

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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