

Product Datasheet

Choline Acetyltransferase/ChAT Antibody NB300-910

Unit Size: 0.1 mg

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

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NB300-910**Choline Acetyltransferase/ChAT Antibody**

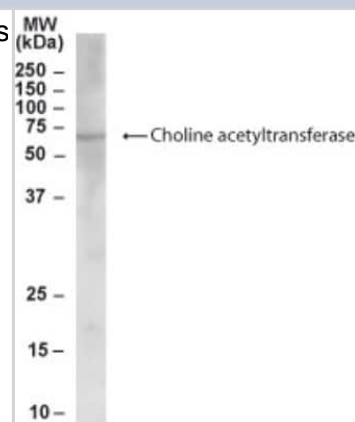
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	1103
Gene Symbol	CHAT
Species	Human
Marker	Cholinergic Neuronal Marker
Specificity/Sensitivity	This antibody is expected to recognise isoform 1 (NP_066264.3), isoform 2 (NP_065574.3) and isoform 3 (NP_001136405.1). Reported variants represent identical protein (NP_066264.3; NP_066265.3; NP_066266.3; NP_001136406.1; NP_001136401.1).
Immunogen	Peptide with sequence CKEKATRPSQGHQP corresponding to C-Terminus according to NP_066264.3, NP_065574.3, NP_001136405.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.3 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 70 kDa band observed in human placenta lysates (calculated MW of 70.5 kDa band according to NP_065574 and NP_066264).

Images

Western Blot: Choline Acetyltransferase Antibody [NB300-910] - Analysis of Choline Acetyltransferase in Human Placenta lysate using this antibody at 0.03 ug/ml.

**Publications**

Madziar B, Lopez-Coviella I, Zemelko V, Berse B. Regulation of cholinergic gene expression by nerve growth factor depends on the phosphatidylinositol-3'-kinase pathway. J Neurochem 2005-02-01 [PMID: 15686478]



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Products Related to NB300-910

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
H00001103-Q01-10ug	Recombinant Human Choline Acetyltransferase/ChAT GST (N-Term) Protein

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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