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PRODUCT DATASHEET

Anti-DOPA Decarboxylase Antibody

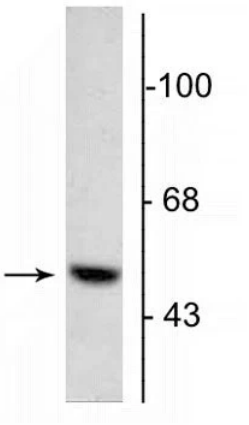
phosphosolutions ANTIBODIES THAT WORK Pooled Serum

Product Details

Available Variants	100 µL (SKU:418-DDCH) 25 µL (SKU:418-DDCHt)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	DDC
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification using an AminoLink® Plus column matrix to which purified, recombinant bovine DDC was coupled.
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000
Species Reactivity	Bovine, Canine, Guinea Pig, Human, Rabbit, Rat, Sheep
Immunogen	Synthetic peptide from N-terminus region of human DOPA decarboxylase (DDC), conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~55 kDa DDC protein.
Molecular Weight	55 kDa
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

Antibody Registry ID	AB_2492073
UniProt ID	P20711 UniProt Summary: Catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine and L-5-hydroxytryptophan to serotonin. {ECO:0000250|UniProtKB:P80041}.
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	1644

Product Images



Western blot of 5 µg of bovine adrenal medulla lysate showing specific immunolabeling of the ~55 kDa DOPA decarboxylase protein.