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DOPA Decarboxylase Antibody

Rabbit mAb
Catalog # AP91436

Product Information

Application	WB
Primary Accession	P20711
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	AADC; Aromatic L Amino Acid Decarboxylase; DDC; DOPA decarboxylase (aromatic L-amino acid decarboxylase); DOPA decarboxylase;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	53926

Additional Information

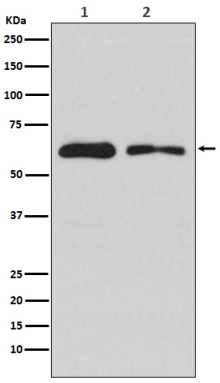
Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human DOPA Decarboxylase
Description	Catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	DDC {ECO:0000303|PubMed:15532536, ECO:0000312|HGNC:HGNC:2719}
Function	Catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine and L-5-hydroxytryptophan to serotonin.
Tissue Location	[Isoform 2]: High expression in kidney.

Images

Western blot analysis of DOPA Decarboxylase expression in (1) 293T cell lysate; (2) RAW 264 .7 cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.