

DOPA Decarboxylase Antibody
Rabbit mAb
Catalog # AP91436**Specification**

DOPA Decarboxylase Antibody - Product Information

Application	WB
Primary Accession	P20711
Reactivity	Rat
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 Da

DOPA Decarboxylase Antibody - Additional Information

Dilution	WB~~1:1000
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.

DOPA Decarboxylase Antibody - 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

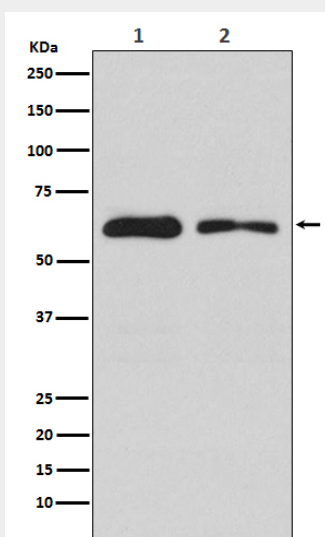
[Isoform 2]: High expression in kidney.

DOPA Decarboxylase Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DOPA Decarboxylase Antibody - Images



Western blot analysis of DOPA Decarboxylase expression in (1) 293T cell lysate; (2) RAW 264.7 cell lysate.