

anti- DOPA decarboxylase antibody

Product Information

Catalog No.:	FNab02510
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Aromatic-L-amino-acid decarboxylase belongs to the pyridoxal-dependent aminotransferase superfamily. DDC catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine. DDC is the cause of aromatic L-amino-acid decarboxylase deficiency (AADC deficiency). Researches showed that Ddc is only one of the enzymes in the biosynthetic pathways for bioamines and catecholamines.

Immunogen information

Immunogen:	dopa decarboxylase
Synonyms:	AADC, DDC, DOPA decarboxylase
Observed MW:	54 kDa
Uniprot ID :	P20711

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IP
Recommended dilution:	WB: 1:500-1:1000; IP: 1:500-1:1000; IHC: 1:20-1:200

Wuhan Fine Biotech Co., Ltd.

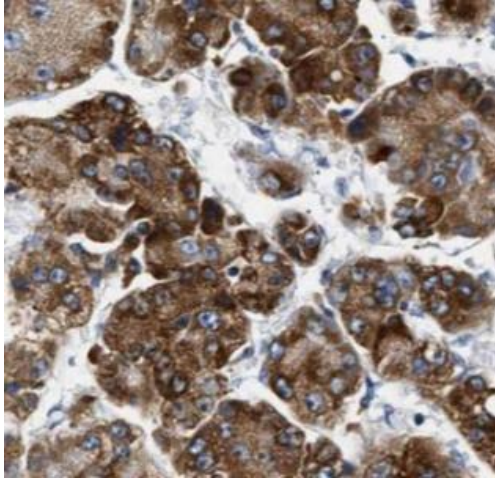
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China (430206)

Tel : (0086)027-87384275

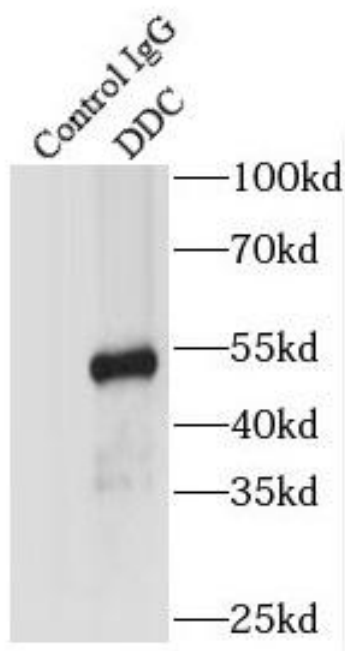
Fax: (0086)027-87800889

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Image:



Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using FNab02510 (DDC Antibody) at dilution of 1:50



IP Result of anti-DOPA decarboxylase (IP:FNab02510, 4ug; Detection:FNab02510 1:800) with mouse brain tissue lysate 4000ug.

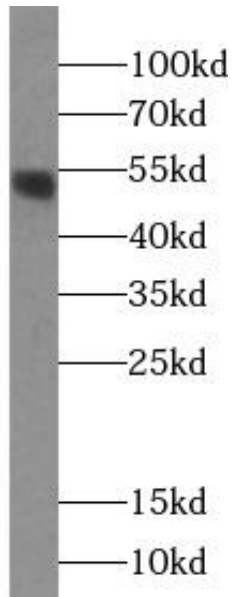
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mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab02510(DDC antibody) at dilution of 1:1000