

Rabbit anti-Human DDC Polyclonal Antibody | anti-DDC antibody

DDC Polyclonal Antibody

CATALOG # AAA175741	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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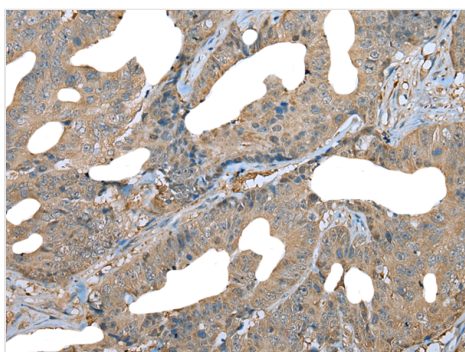
PRODUCT SYNONYMS

DDC; Polyclonal Antibody; DDC Polyclonal Antibody; AADC; Aromatic L Amino Acid Decarboxylase; Aromatic-L-amino-acid decarboxylase; DDC_HUMAN; DOPA decarboxylase (aromatic L-amino acid decarboxylase); DOPA decarboxylase; anti-DDC antibody

PRODUCT SPECIFICATIONS

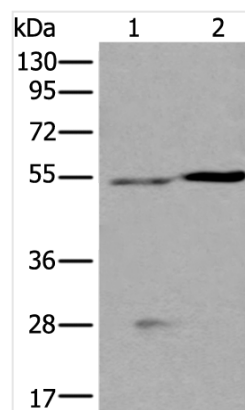
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.5mg/mL (varies by lot)
Sequence Length	480
Applicable Applications for anti-DDC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human DDC
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using DDC Polyclonal Antibody at dilution of 1:30(×200)



WB (Western Blot)

Western blot analysis of Human left kidney tissue and Human fetal liver tissue lysates using DDC Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-DDC antibody	The encoded protein catalyzes the decarboxylation of L-3, 4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine. Defects in this gene are the cause of aromatic L-amino-acid decarboxylase deficiency (AADCD). AADCD deficiency is an inborn error in neurotransmitter metabolism that leads to combined serotonin and catecholamine deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
Product Categories/Family for anti-DDC antibody	Neuroscience; Cancer; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	311033369
NCBI GeneID	1644
UniProt Accession #	P20711
Molecular Weight	54 kDa
NCBI Official Full Name	Aromatic-L-amino-acid decarboxylase
NCBI Official Synonym Full Names	dopa decarboxylase
NCBI Official Symbol	DDC
NCBI Official Synonym Symbols	AADC
NCBI Protein Information	aromatic-L-amino-acid decarboxylase
UniProt Protein Name	Aromatic-L-amino-acid decarboxylase
UniProt Gene Name	DDC
UniProt Synonym Gene Names	AADC; AADC; DDC
UniProt Entry Name	DDC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddc-antibody-immunohistochemistry-western-blot-elisa/175741>