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Datasheet for ABIN7436294
anti-DDC antibody (AA 200-420)

3 Images

Overview

Quantity:	100 µL
Target:	DDC
Binding Specificity:	AA 200-420
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Dopa Decarboxylase (DDC)
Immunogen:	Recombinant Dopa Decarboxylase (DDC) corresponding to Leu200~Asn420 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against DDC. It has been selected for its ability to recognize DDC in immunohistochemical staining and western blotting.
Cross-Reactivity:	Cow, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	DDC
Alternative Name:	Dopa Decarboxylase (DDC Products)
Background:	AADC, Aromatic L-Amino Acid Decarboxylase, DOPA decarboxylase
Pathways:	Dopaminergic Neurogenesis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

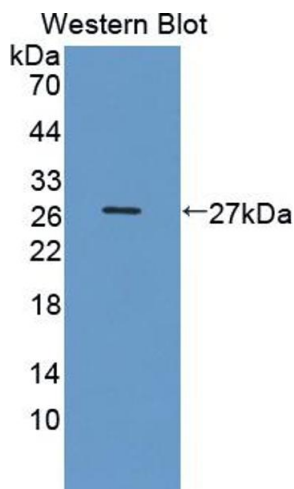
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



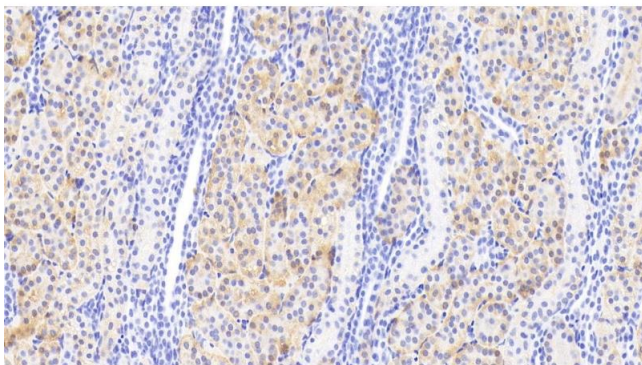
Western Blotting

Image 1. Detection of DDC in Bovine Kidney lysate using Polyclonal Antibody to Dopa Decarboxylase (DDC)



Western Blotting

Image 2. Detection of Recombinant DDC, Human using Polyclonal Antibody to Dopa Decarboxylase (DDC)



Immunohistochemistry

Image 3. Detection of DDC in Human Kidney Tissue using Polyclonal Antibody to Dopa Decarboxylase (DDC)