

Datasheet for ABIN629869
anti-DDC antibody



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2 Images

Overview

Quantity:	100 µg
Target:	DDC
Reactivity:	Human, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	DDC antibody was raised using a synthetic peptide corresponding to a region with amino acids EFRRRGKEMVDYVANYMEGIEGRQVYPDVEPGYLRPLIPAAAPQEPDTFE
Purification:	Purified

Target Details

Target:	DDC
Alternative Name:	DDC (DDC Products)
Background:	DDC catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine.
Molecular Weight:	53 kDa (MW of target protein)
Pathways:	Dopaminergic Neurogenesis

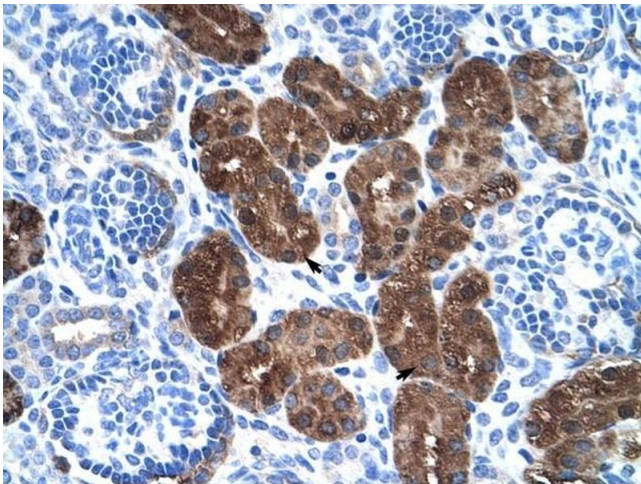
Application Details

Application Notes:	WB: 5 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	DDC Blocking Peptide, catalog no. 33R-2411, is also available for use as a blocking control in assays to test for specificity of this DDC antibody
Restrictions:	For Research Use only

Handling

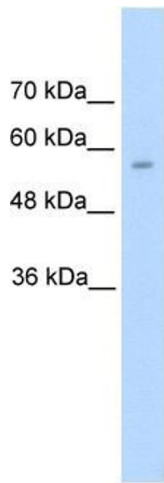
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of DDC antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Immunohistochemistry

Image 1. DDC antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Western Blotting

Image 2. DDC antibody used at 5 ug/ml to detect target protein.