Recombinant DOPA Decarboxylase/DDC Monoclonal Antibody

catalog number: **AN301705L**

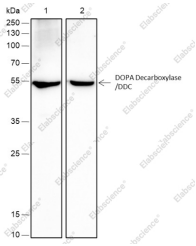
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human DOPA Decarboxylase/DDC fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111327
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:200-1:1000
IF	1:50

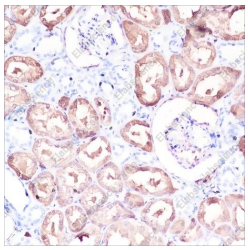
Data



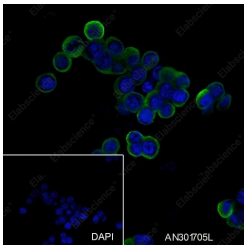
Western Blot with DOPA Decarboxylase/DDC Monoclonal Antibody at dilution of 1:2000. Lane 1: HepG2, Lane 2: Mouse adrenal gland

Observed-MW:53 kDa

Calculated-MW:53 kDa



Immunohistochemistry of paraffin-embedded Human kidney using DOPA Decarboxylase/DDC Monoclonal Antibody at dilution of 1:1000.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed PC-12 cells using anti-DOPA Decarboxylase/DDC Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

L-DOPA decarboxylase (DDC) is a pyridoxal 5-phosphate (PLP)-dependent enzyme that catalyzes the decarboxylation of L-DOPA to dopamine and the decarboxylation of L-5HTP to serotonin. DDC is also regarded as a general biomarker for neuroendocrine tumors.