

(KO Validated) PDPK1 Polyclonal Antibody

catalog number: E-AB-66885

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

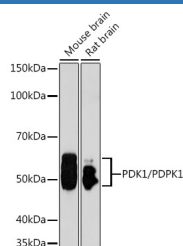
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human PDPK1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

WB	1:500-1:2000
IHC	1:50-1:200

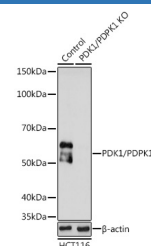
Data



Western blot analysis of extracts of various cell lines using PDK1/PDPK1 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:58-68 kDa

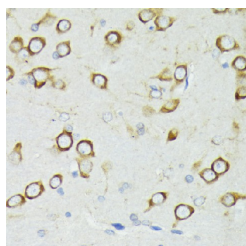
Calculated-MW:48 kDa/50 kDa/58 kDa/60 kDa/63 kDa



Western blot analysis of extracts from normal (control) and PDK1/PDPK1 knockout (KO) HCT116 cells using PDK1/PDPK1 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:58-68 kDa

Calculated-MW:48 kDa/50 kDa/58 kDa/60 kDa/63 kDa



Immunohistochemistry of paraffin-embedded rat brain using PDPK1 Polyclonal antibody at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

PDPK1 (3-phosphoinositide dependent protein kinase 1) is a protein-coding gene. GO annotations related to this gene include protein serine/threonine kinase activity and insulin receptor binding.