

## PDPK1 RABBIT PAB

**Cat.#:** N225461

**Product Name:** Anti-PDPK1 Rabbit pAb

**Synonyms:** PDPK1; PDK1; 3-phosphoinositide-dependent protein kinase 1; hPDK1

**UNIPROT ID:** O15530

**Background:** Phosphoinositide-dependent protein kinase 1 (PDK1) plays a central role in many signal transduction pathways including the activation of Akt and the PKC isoenzymes p70 S6 kinase and RSK. Through its effects on these kinases, PDK1 is involved in the regulation of a wide variety of processes, including cell proliferation, differentiation and apoptosis.

**Immunogen:** The antiserum was produced against synthesized peptide derived from human PDK1. AA range:210-259

**Applications:** ICC/IF, WB, IHC-F, IHC-P, ELISA

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 63 kDa; Observed MW: 60 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse, Rat

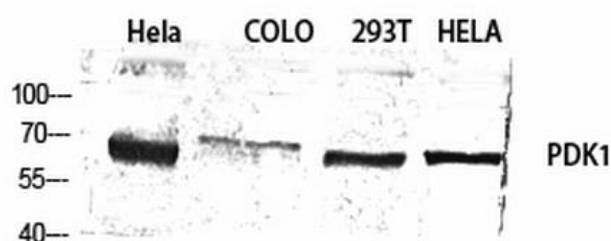
**Conjugation:** Unconjugated

**Modification:** Unmodified

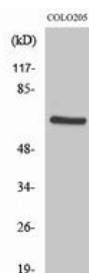
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of PDPK1 in HELA COLO 293T lysates using PDK1 antibody.



Western blot analysis of PDPK1 in COLO205 lysates using PDK1 antibody.