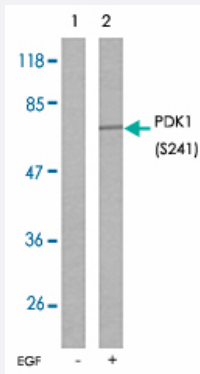


PDPK1 (phospho S241) polyclonal antibody

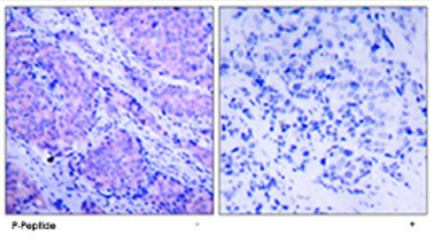
Catalog # PAB25226 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from MDA-MB-435 cells using PDPK1 (phospho S241) polyclonal antibody (Cat # PAB25226).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PDPK1 (phospho S241) polyclonal antibody (Cat # PAB25226).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of PDPK1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S241 of human PDPK1.
Sequence	A-N-Sp-F-V
Host	Rabbit
Theoretical MW (kDa)	63
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from MDA-MB-435 cells using PDPK1 (phospho S241) polyclonal antibody (Cat # PAB25226).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PDPK1 (phospho S241) polyclonal antibody (Cat # PAB25226).

- Immunofluorescence

Gene Info — PDPK1

Entrez GeneID	5170
Protein Accession#	Q15530
Gene Name	PDPK1
Gene Alias	MGC20087, MGC35290, PDK1, PRO0461
Gene Description	3-phosphoinositide dependent protein kinase-1
Omim ID	605213

Gene Ontology

[Hyperlink](#)

Other Designations

Pkb kinase like gene 1|Pkb-like 1|protein kinase

Pathway

- [Endometrial cancer](#)
- [Focal adhesion](#)
- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)
- [Non-small cell lung cancer](#)
- [PPAR signaling pathway](#)
- [Prostate cancer](#)

Disease

- [Adenocarcinoma](#)
- [Thyroid Neoplasms](#)