

PTP kappa Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51841

Specification

PTP kappa Antibody - Product Information

Application	WB, E
Primary Accession	Q15262
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65 KDa

PTP kappa Antibody - Additional Information

Gene ID 5796

Other Names

Receptor-type tyrosine-protein phosphatase kappa, Protein-tyrosine phosphatase kappa, R-PTP-kappa, PTPRK, PTPK

Dilution

WB~~1:1000
E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C.Stable for 12 months from date of receipt

PTP kappa Antibody - Protein Information

Name PTPRK

Synonyms PTPK

Function

Regulation of processes involving cell contact and adhesion such as growth control, tumor invasion, and metastasis. Negative regulator of EGFR signaling pathway. Forms complexes with beta-catenin and gamma-catenin/plakoglobin. Beta-catenin may be a substrate for the catalytic activity of PTPRK/PTP-kappa.

Cellular Location

Cell junction, adherens junction. Cell membrane; Single-pass type I membrane protein

Tissue Location

High levels in lung, brain and colon; less in liver, pancreas, stomach, kidney, placenta and

mammary carcinoma

PTP kappa Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTP kappa Antibody - Images

PTP kappa Antibody - Background

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PTP kappa Antibody - References

Fuchs M., et al. J. Biol. Chem. 271:16712-16719(1996).
Yang Y., et al. Gene 186:77-82(1997).
Mungall A.J., et al. Nature 425:805-811(2003).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Tarcic G., et al. Curr. Biol. 19:1788-1798(2009).