

Anti-PTP kappa Antibody
Catalog # AP53699**Specification**

Anti-PTP kappa Antibody - Product Information

Application	WB
Primary Accession	Q15262
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	162102

Anti-PTP kappa Antibody - Additional Information**Gene ID** 5796**Other Names**

PTPK; Receptor-type tyrosine-protein phosphatase kappa; Protein-tyrosine phosphatase kappa; R-PTP-kappa

Target/Specificity

Recognizes endogenous levels of PTP kappa protein.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

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

Anti-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

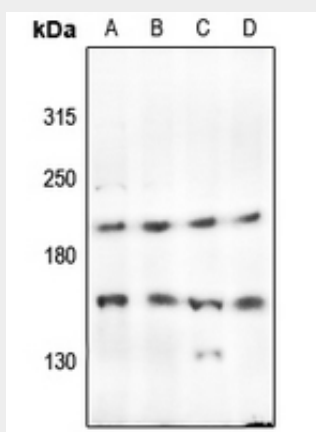
Tissue Location

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

Anti-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](#)

Anti-PTP kappa Antibody - Images

Western blot analysis of PTP kappa expression in HCT116 (A), A549 (B), mouse lung (C), rat brain (D) whole cell lysates.

Anti-PTP kappa Antibody - Background

Rabbit polyclonal antibody to PTP kappa