

Anti-PTP kappa Antibody

Catalog # AP53699

Product Information

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

Additional Information

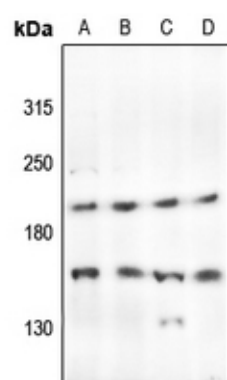
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|--------------------|---|
| Gene ID | 5796 |
| Other Names | PTPK; Receptor-type tyrosine-protein phosphatase kappa; Protein-tyrosine phosphatase kappa; R-PTP-kappa |
| Target/Specificity | Recognizes endogenous levels of PTP kappa protein. |
| Dilution | 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 |

Protein Information

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|-------------------|---|
| 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 |

Background

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.