

Rabbit anti-Human PTPRK Polyclonal Antibody | anti-PTPRK antibody

PTPRK Antibody

CATALOG # AAA234992	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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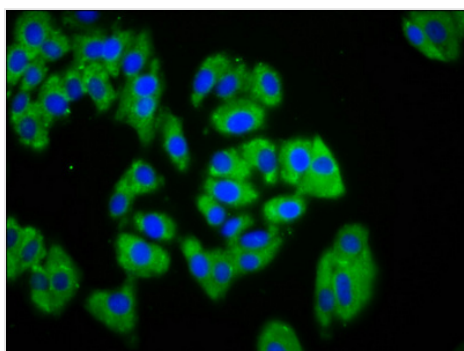
PRODUCT SYNONYMS

PTPRK; Polyclonal Antibody; PTPRK Antibody; Receptor-type tyrosine-protein phosphatase kappa; Protein-tyrosine phosphatase kappa; R-PTP-kappa; PTPK; anti-PTPRK antibody

PRODUCT SPECIFICATIONS

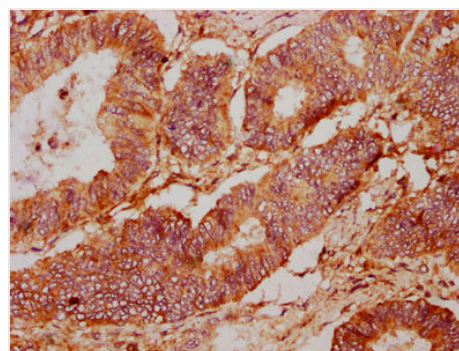
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1446
Applicable Applications for anti-PTPRK antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Receptor-type tyrosine-protein phosphatase kappa protein (589-749AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



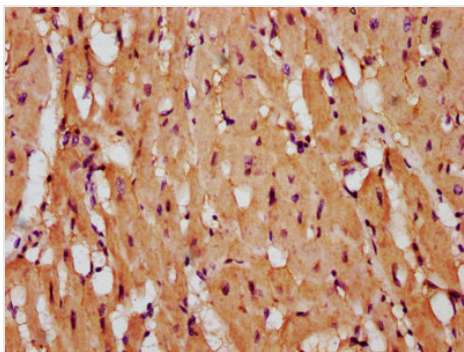
IHC (Immunohistochemistry)

Immunofluorescence staining of HepG2 cells with AAA234992 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234992 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234992 diluted at 1:400 and staining in paraffin-embedded human heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRK antibody	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.
Product Categories/Family for anti-PTPRK antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	208431815
NCBI GeneID	5796
NCBI Accession #	NP_001129120.1
NCBI GenBank Nucleotide #	NM_001135648.2
UniProt Accession #	Q15262; Q14763; Q5TG10; Q5TG11; B2RTQ8; B7ZMG0
Molecular Weight	164,613 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase kappa isoform a
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type K
NCBI Official Symbol	PTPRK
NCBI Official Synonym Symbols	R-PTP-kappa
NCBI Protein Information	receptor-type tyrosine-protein phosphatase kappa
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase kappa
UniProt Gene Name	PTPRK
UniProt Synonym Gene Names	PTPK; Protein-tyrosine phosphatase kappa; R-PTP-kappa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptprk-antibody-immunofluorescence-immunohistochemistry-elisa/234992>