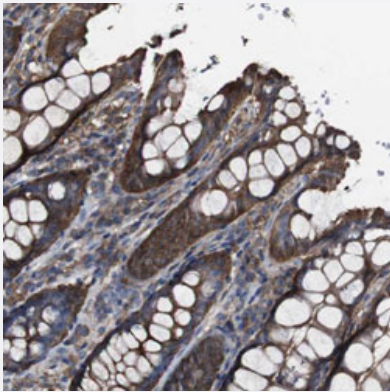


PTPRR polyclonal antibody

Catalog # PAB30446 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon with PTPRR polyclonal antibody (Cat # PAB30446) shows moderate cytoplasmic positivity in glandular cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PTPRR.
Immunogen	Recombinant protein corresponding to human PTPRR.
Sequence	YDPSLNLLAMDGGQDLEVENLPIPAANVIVTLQMDVNKLNITLLRIFRQGVAAALGLLPQQVHINRLI GKKNSIELFVSPINRKTGISDALPSEEVLRLNINVLHQSLSQFGITEVSPEKNVLQGQHE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage 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

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Gene Info — PTPRR

Entrez GeneID[5801](#)**Protein Accession#**[Q15256](#)**Gene Name**

PTPRR

Gene Alias

DKFZp781C1038, EC-PTP, FLJ34328, MGC131968, MGC148170, PCPTP1, PTP-SL, PTPBR7, PTPRQ

Gene Description

protein tyrosine phosphatase, receptor type, R

Omim ID[602853](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and a single intracellular catalytic domains, and thus represents a receptor-type PTP. The similar gene predominately expressed in mouse brain was found to associate with, and thus regulate the activity and cellular localization of MAP kinases. The rat counterpart of this gene was reported to be regulated by the nerve growth factor, which suggested the function of this gene in neuronal growth and differentiation. [provided by RefSeq]

Other Designations

Ch-1 PTPase|protein tyrosine phosphatase Cr1PTPase|protein-tyrosine phosphatase NC-PTPC OM1

Pathway

- [MAPK signaling pathway](#)

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)