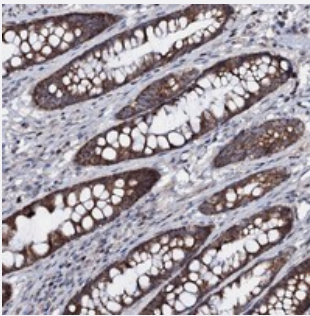


PPP1R3D polyclonal antibody

Catalog # PAB23755 Size 100 uL

Applications



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

Immunohistochemical staining of human rectum with PPP1R3D polyclonal antibody (Cat # PAB23755) shows strong cytoplasmic positivity in glandular cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant PPP1R3D.
Immunogen	Recombinant protein corresponding to amino acids of human PPP1R3D.
Sequence	ELAQVKVFNAGDDPSVPLHVL SRLAINSDLCCSSQDLEFTLHCLVPDFPPPVEAADFGERLQRQLVCLERVTCSDL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) 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

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

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Gene Info — PPP1R3D

Entrez GeneID[5509](#)**Protein Accession#**[O95685](#)**Gene Name**

PPP1R3D

Gene Alias

DKFZp781L2441, PPP1R6

Gene Description

protein phosphatase 1, regulatory (inhibitor) subunit 3D

Omim ID[603326](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Phosphorylation of serine and threonine residues in proteins is a crucial step in the regulation of many cellular functions ranging from hormonal regulation to cell division and even short-term memory. The level of phosphorylation is controlled by the opposing actions of protein kinases and protein phosphatases. Protein phosphatase 1 (PP1) is 1 of 4 major serine/threonine-specific protein phosphatases which have been identified in eukaryotic cells. PP1 associates with various regulatory subunits that dictate its subcellular localization and modulate its substrate specificity. Several subunits that target PP1 to glycogen have been identified. This gene encodes a glycogen-targeting subunit of PP1. [provided by RefSeq]

Other Designations

OTTHUMP00000031436|protein phosphatase 1, regulatory subunit 3D|protein phosphatase 1, regulatory subunit 6, spinophilin

Pathway

- [Insulin signaling pathway](#)