

PTCHD4 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11405c

Specification

PTCHD4 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q6ZW05
Other Accession	B9EKX1 , NP_997382.2 , NP_001013754.3
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	563-591

PTCHD4 Antibody (Center) - Additional Information

Gene ID 442213

Other Names

Patched domain-containing protein 4, PTCHD4, C6orf138

Target/Specificity

This PTCHD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 563-591 amino acids from the Central region of human PTCHD4.

Dilution

WB~~1:1000

IHC-P~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PTCHD4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

PTCHD4 Antibody (Center) - Protein Information

Name PTCHD4

Synonyms C6orf138, PTCH53

Function Could act as a repressor of canonical hedgehog signaling by antagonizing the effects of SMO, as suggested by down-regulation of hedgehog target genes, including GLI1, PTCH1, and PTCH2 in PTCHD4- expressing cells.

Cellular Location

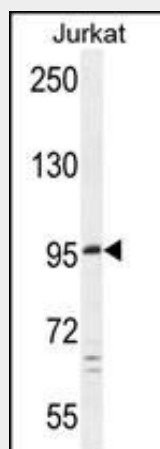
Membrane; Multi-pass membrane protein

PTCHD4 Antibody (Center) - Protocols

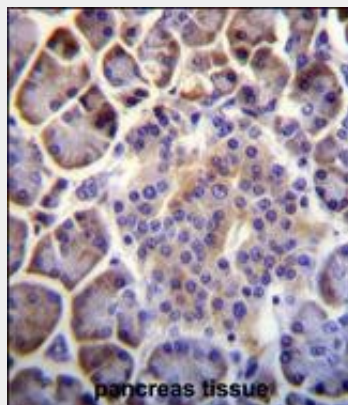
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTCHD4 Antibody (Center) - Images



PTCHD4 Antibody (Center) (Cat. #AP11405c) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the PTCHD4 antibody detected the PTCHD4 protein (arrow).



PTCHD4 Antibody (Center) (Cat. #AP11405c) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PTCHD4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.