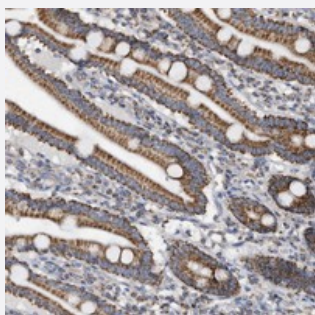


WFDC1 polyclonal antibody

Catalog # PAB22551 Size 100 uL

Applications



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

Immunohistochemical staining of human duodenum with WFDC1 polyclonal antibody (Cat # PAB22551) shows strong granular positivity in glandular cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant WFDC1.
Immunogen	Recombinant protein corresponding to amino acids of human WFDC1.
Sequence	LLCPSGYECHILSPGDVAEGIPNRGQCVKQRRQADGRILRHKLYKEYPEGDSKNVAEPGRGQQKHFQ
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)

Immunohistochemical staining of human duodenum with WFDC1 polyclonal antibody (Cat # PAB22551) shows strong granular positivity in glandular cells at 1:200-1:500 dilution.

Gene Info — WFDC1

Entrez GeneID[58189](#)**Protein Accession#**[Q9HC57](#)**Gene Name**

WFDC1

Gene Alias

PS20

Gene Description

WAP four-disulfide core domain 1

Omim ID[605322](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the WAP-type four disulfide core domain family. The WAP-type four-disulfide core domain, or WAP signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. The encoded protein shares 81% amino acid identity with the rat ps20 protein, which was originally identified as a secreted growth inhibitor. This gene is mapped to chromosome 16q24, an area of frequent loss of heterozygosity in cancers, including prostate, breast and hepatocellular cancers and Wilms' tumor. Owing to its location and a possible growth inhibitory property of its gene product, this gene is suggested to be a tumor suppressor gene. [provided by RefSeq]

Other Designations

WAP four-disulfide core domain 1 homolog|prostate stromal protein ps20

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)