

Rabbit anti-Human WFDC1 Polyclonal Antibody | anti-WFDC1 antibody

WFDC1 Antibody (C-term H163)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288844	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

WFDC1; Polyclonal Antibody; WFDC1 Antibody (C-term H163); WAP four-disulfide core domain protein 1; Prostate stromal protein ps20; ps20 growth inhibitor; PS20; anti-WFDC1 antibody

PRODUCT SPECIFICATIONS

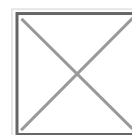
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WFDC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 148-177 amino acids from the C-terminal region of human WFDC1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	148-177
Sequence Length	220
Applicable Applications for anti-WFDC1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

WFDC1 Antibody (C-term H163) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

WFDC1 Antibody (C-term H163) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of WFDC1 Antibody (C-term H163) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
WFDC1 Antibody (C-term H163) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the WFDC1 antibody detected the WFDC1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-WFDC1 antibody	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.
Product Categories/Family for anti-WFDC1 antibody	Cell Biology
References	Briggs, F.B., et al. Genes Immun. 11(3):199-208(2010) Madar, S., et al. Carcinogenesis 30(1):20-27(2009) Liu, S., et al. Clin. Exp. Metastasis 26(7):739-749(2009) Alvarez, R., et al. J. Virol. 82(1):471-486(2008) Watson, J.E., et al. Prostate 61(2):192-199(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	18379353
NCBI GeneID	58189
NCBI Accession #	NP_067020.2
NCBI GenBank Nucleotide #	NM_021197.3
UniProt Accession #	Q9HC57; Q8NC27; Q9HAU1; D3DUL7
Molecular Weight	23977
NCBI Official Full Name	WAP four-disulfide core domain protein 1 isoform 1
NCBI Official Synonym Full Names	WAP four-disulfide core domain 1
NCBI Official Symbol	WFDC1
NCBI Official Synonym Symbols	PS20
NCBI Protein Information	WAP four-disulfide core domain protein 1
UniProt Protein Name	WAP four-disulfide core domain protein 1
UniProt Gene Name	WFDC1
UniProt Synonym Gene Names	PS20
UniProt Entry Name	WFDC1_HUMAN

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/wfdc1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288844>