

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

WFDC1 Rabbit pAb

CATALOG # AAA281757	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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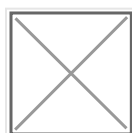
PRODUCT SYNONYMS

WFDC1; Polyclonal Antibody; WFDC1 Rabbit pAb; PS20; anti-WFDC1 antibody

PRODUCT SPECIFICATIONS

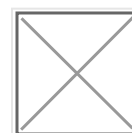
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	PPVLDWLVP KPRWLGGNGW LLDGPPEVLQ AEACSTTEDG AEPLLCPSGY ECHILSPGDV AEGIPNRGQC VKQRRQADGR ILRHKLYKEY PEGDSKNVAE PGRGQKHFQ
Applicable Applications for anti-WFDC1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 111-220 of human WFDC1 (NP_067020.2).
Positive Samples	293T, SGC-7901, Mouse brain, Mouse lung
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using WFDC1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using WFDC1 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-WFDC1 antibody

Background: This gene encodes a member of the WAP-type four disulfide core domain family. The WAP-type four-disulfide core domain contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. 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. This gene is downregulated in many cancer types and may be involved in the inhibition of cell proliferation. The encoded protein may also play a role in the susceptibility of certain CD4 memory T cells to human immunodeficiency virus infection. Alternative splicing results in multiple transcript variants.

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	23,977 Da
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-immunofluorescence-western-blot-elisa/281757>