

## Product datasheet for **TA309509**

### Wfdc1 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.3-1ug/ml
Reactivity:	Mouse (Expected from sequence similarity: Rat)
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-RQRLHKEYPEGDSKN, from the internal region (near N Terminus) of the protein sequence according to NP_075884.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	WAP four-disulfide core domain 1
Database Link:	<a href="#">NP_075884</a> <a href="#">Entrez Gene 171112 Rat</a> <a href="#">Entrez Gene 67866 Mouse</a> <a href="#">Q9ESH5</a>
Background:	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]. COMPLETENESS: complete on the 3' end.
Synonyms:	PS20



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**Product images:**

TA309509 (0.3ug/ml) staining of Mouse Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.