

## Rabbit anti-Human, Mouse WFDC2 Polyclonal Antibody | anti-WFDC2 antibody

WFDC2 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                 |
|-----------|--------|--------------|--------------------------------------------------------------|
| AAA327414 | Rabbit | Human, Mouse | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

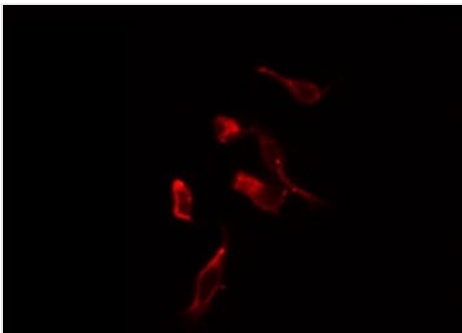
### PRODUCT SYNONYMS

WFDC2; Polyclonal Antibody; WFDC2 Antibody; dJ461P17.6; EDDM4; epididymal protein 4; Epididymal secretory protein E4; Epididymis specific whey acidic protein type four disulfide core; HE 4; Major epididymis specific protein E4; Major epididymis-specific protein E4; MGC57529; Putative protease inhibitor WAP5; WAP 5; WAP domain containing protein HE4; WAP domain containing protein HE4 V4; WAP four disulfide core domain 2; WAP four disulfide core domain protein 2; WAP four-disulfide core domain protein 2; WAP5; WFDC 2; WFDC2\_HUMAN; anti-WFDC2 antibody

### PRODUCT SPECIFICATIONS

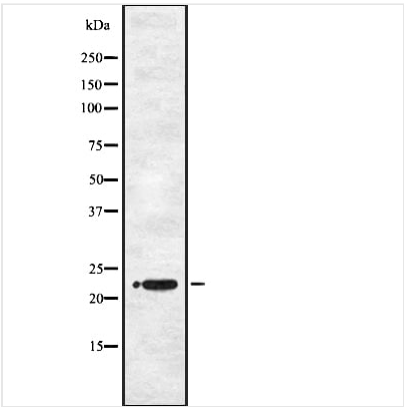
|                                                 |                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                              |
| Reactivity                                      | Human, Mouse                                                                                                                                                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                          |
| Isotype                                         | IgG                                                                                                                                                                                                                                                                                                                 |
| Specificity                                     | WFDC2 antibody detects endogenous levels of total WFDC2                                                                                                                                                                                                                                                             |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.                                                                                                                                                                                                                       |
| Form/Format                                     | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                       |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                                                                                                                                                                              |
| Sequence Length                                 | 124                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-WFDC2 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                                                                                                                                                                                        |
| Immunogen                                       | A synthesized peptide derived from human WFDC2                                                                                                                                                                                                                                                                      |
| Subcellular Location                            | Secreted.                                                                                                                                                                                                                                                                                                           |
| Tissue Specificity                              | Expressed in a number of normal tissues, including male reproductive system, regions of the respiratory tract and nasopharynx. Highly expressed in a number of tumors cells lines, such ovarian, colon, breast, lung and renal cells lines. Initially described as being exclusively transcribed in the epididymis. |
| Conjugation                                     | Unconjugated                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                         | Store at -20 degree C. Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                   |

IMAGES



IF (Immunofluorescence)

AAA327414 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of WFDC2 using LOVO whole cell lysates

ADDITIONAL INFORMATION

|                                                     |                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Related Product Information for anti-WFDC2 antibody | Function: Broad range protease inhibitor.<br>Subunit Structure: Homotrimer; disulfide-linked. |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 56699495                                                                       |
| NCBI GeneID                      | 10406                                                                          |
| NCBI Accession #                 | NP_006094.3                                                                    |
| NCBI GenBank Nucleotide #        | NM_006103.3                                                                    |
| UniProt Accession #              | Q14508; Q6IB27; Q8WXV9; Q8WXW0; Q8WXW1; Q8WXW2; Q96KJ1; A2A2A5; A2A2A6; A6PVD5 |
| Molecular Weight                 | Observed: 23 kDa<br>Predicted: 13 kDa                                          |
| NCBI Official Full Name          | WAP four-disulfide core domain protein 2                                       |
| NCBI Official Synonym Full Names | WAP four-disulfide core domain 2                                               |
| NCBI Official Symbol             | WFDC2                                                                          |
| NCBI Official Synonym Symbols    | HE4; WAP5; EDDM4; dJ461P17.6                                                   |
| NCBI Protein Information         | WAP four-disulfide core domain protein 2                                       |
| UniProt Protein Name             | WAP four-disulfide core domain protein 2                                       |
| UniProt Gene Name                | WFDC2                                                                          |
| UniProt Synonym Gene Names       | HE4; WAP5                                                                      |

**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.