

## WFDC2 polyclonal antibody

Catalog # PAB18601      Size 100 ug

### Specification

|                            |  |
|----------------------------|--|
| <b>Product Description</b> | Goat polyclonal antibody raised against synthetic peptide of WFDC2.  |
| <b>Immunogen</b>           | A synthetic peptide corresponding to amino acids at internal region of human WFDC2.                                    |
| <b>Sequence</b>            | GAEKTGVCPELQADQ  |
| <b>Host</b>                | Goat   |
| <b>Reactivity</b>          | Human  |
| <b>Form</b>                | Liquid   |
| <b>Purification</b>        | Antigen affinity purification  |
| <b>Concentration</b>       | 0.5 mg/mL  |
| <b>Recommend Usage</b>     | ELISA (1:16000)<br>The optimal working dilution should be determined by the end user.                                  |
| <b>Storage Buffer</b>      | In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)  |
| <b>Storage Instruction</b> | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.   |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

### Applications

- Enzyme-linked Immunoabsorbent Assay

### Gene Info — WFDC2

|                    |   |
|--------------------|---|
| Entrez GeneID      | <a href="#">10406</a>   |
| Protein Accession# | <a href="#">NP_006094.3</a>   |
| Gene Name          | WFDC2   |
| Gene Alias         | HE4, MGC57529, WAP5, dJ461P17.6   |
| Gene Description   | WAP four-disulfide core domain 2  |
| Gene Ontology      | <a href="#">Hyperlink</a>   |
| Gene Summary       | <p>This gene encodes a protein that is a member of the WFDC domain family. The WFDC 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. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation. [provided by RefSeq]</p> |
| Other Designations | OTTHUMP00000031141 WAP domain containing protein HE4-V4 epididymal secretory protein E4 epididymis-specific, whey-acidic protein type, four-disulfide core major epididymis-specific protein E4   |