

## Rabbit ODF2 Polyclonal Antibody | anti-ODF2 antibody

ODF2 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA168960 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

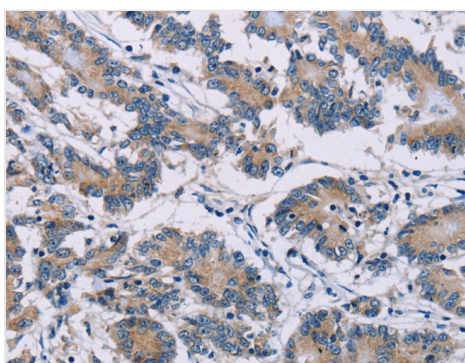
### PRODUCT SYNONYMS

ODF2; Polyclonal Antibody; ODF2 Polyclonal Antibody; CT134; ODF84; ODF2/1; ODF2/2; anti-ODF2 antibody

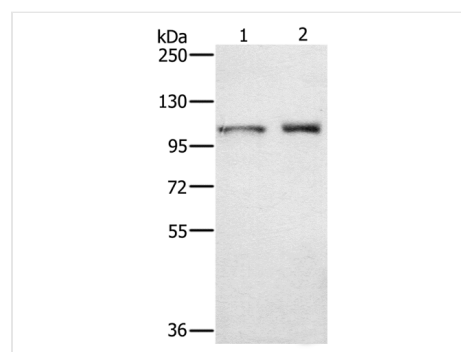
### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 1.8mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 576                                                                                       |
| Applicable Applications for anti-ODF2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                      | Recombinant protein of human ODF2                                                         |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human colon cancer using ODF2 Polyclonal Antibody at dilution of 1:30


**WB (Western Blot)**

Western Blot analysis of Human testis tissue and K562 cell using ODF2 Polyclonal Antibody at dilution of 1:650

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ODF2 antibody | The outer dense fibers are cytoskeletal structures that surround the axoneme in the middle piece and principal piece of the sperm tail. The fibers function in maintaining the elastic structure and recoil of the sperm tail as well as in protecting the tail from shear forces during epididymal transport and ejaculation. Defects in the outer dense fibers lead to abnormal sperm morphology and infertility. This gene encodes one of the major outer dense fiber proteins. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-ODF2 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 334278918                                                                                                                                 |
| NCBI GeneID                      | 4957                                                                                                                                      |
| NCBI Accession #                 | NP_001229283.1                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_001242354.1                                                                                                                            |
| Molecular Weight                 | 75,691 Da                                                                                                                                 |
| NCBI Official Full Name          | outer dense fiber protein 2 isoform 8                                                                                                     |
| NCBI Official Synonym Full Names | outer dense fiber of sperm tails 2                                                                                                        |
| NCBI Official Symbol             | ODF2                                                                                                                                      |
| NCBI Official Synonym Symbols    | CT134; ODF84; ODF2/1; ODF2/2                                                                                                              |
| NCBI Protein Information         | outer dense fiber protein 2; cancer/testis antigen 134; cenexin 1; outer dense fiber of sperm tails, 84-kD; sperm tail structural protein |
| UniProt Protein Name             | Outer dense fiber protein 2                                                                                                               |
| UniProt Gene Name                | ODF2                                                                                                                                      |
| UniProt Entry Name               | ODFP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/odf2-antibody-immunohistochemistry-western-blot-elisa/168960>