

Rabbit ODF2 Polyclonal Antibody | anti-ODF2 antibody

ODF2 Polyclonal Antibody

CATALOG # AAA179008	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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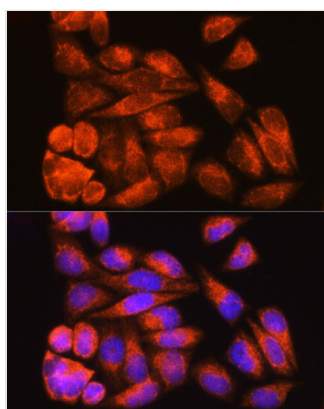
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

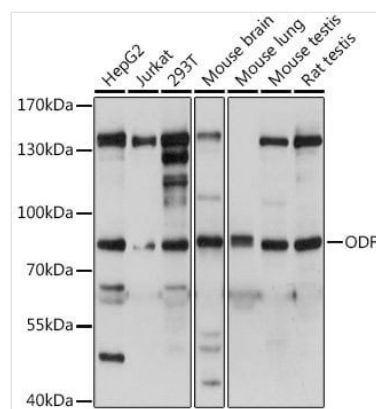
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ODF2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ODF2
Research Area	Cancer, Cell Biology, Epigenetics and Nuclear Signaling, Developmental Biology
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ODF2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using ODF2 Polyclonal Antibody at 1:500 dilution.

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. The longer transcripts, also known as 'Cenexins', encode proteins with a C-terminal extension that are differentially targeted to somatic centrioles and thought to be crucial for the formation of microtubule organizing centers.
Product Categories/Family for anti-ODF2 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	334278913
NCBI GeneID	4957
NCBI Accession #	NP_001229281.1
NCBI GenBank Nucleotide #	NM_001242352.1
UniProt Accession #	Q5BJF6; O14721; O60631; Q1W2J6; Q6UN26; Q7Z5I6; B1AND3; B4DRK4; B4DX73; B4DZ02; E7EWL2; F5H6J4
Molecular Weight	95,401 Da
NCBI Official Full Name	outer dense fiber protein 2 isoform 11
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; cenexin 1; cancer/testis antigen 134; sperm tail structural protein; outer dense fiber of sperm tails, 84-kD
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/odf2-antibody-immunofluorescence-western-blot-elisa/179008>