

Rabbit anti-Human ODF2 Polyclonal Antibody | anti-ODF2 antibody

ODF2 Antibody

CATALOG # AAA302579	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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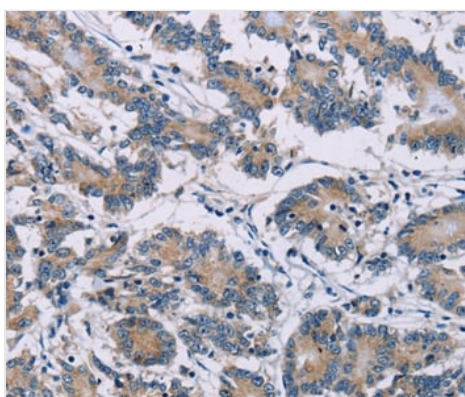
PRODUCT SYNONYMS

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

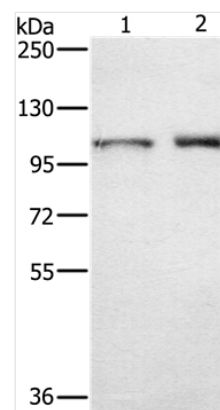
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ODF2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.8 mg/ml (varies by lot)
Sequence Length	824
Applicable Applications for anti-ODF2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human outer dense fiber of sperm tails 2
Target Name	ODF2
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/30.


Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): Human testis tissue and K562 cell Amount of lysate: 40ug per lane Primary antibody: 1/650 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

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	Total protein Ab

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	75,691 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
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-immunohistochemistry-western-blot-elisa/302579>