

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

ODF2 Antibody

CATALOG # AAA310443	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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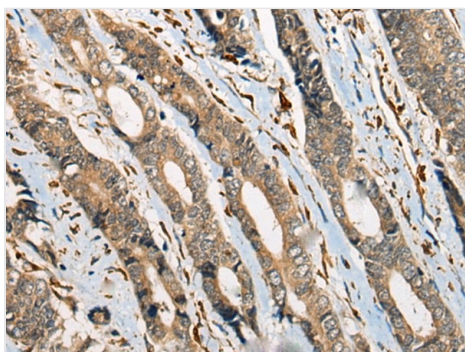
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

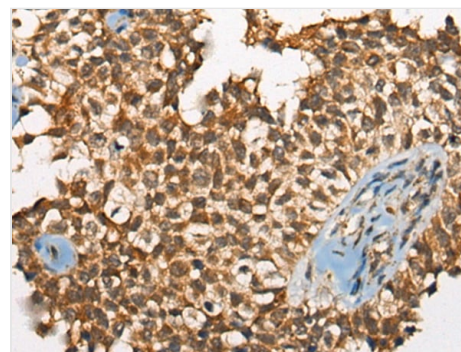
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total ODF2 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	2mg/ml (varies by lot)
Sequence Length	829
Applicable Applications for anti-ODF2 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to internal residues of human ODF2
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 46635(ODF2 Antibody) at dilution 1/110, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 46635(ODF2 Antibody) at dilution 1/110, on the right is treated with synthetic peptide. (Original magnification: x200)

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	310750408
NCBI GeneID	4957
NCBI Accession #	NP_702911
NCBI GenBank Nucleotide #	NM_153433.1
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 2
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

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.