

Rabbit anti-Mouse ODF3 Polyclonal Antibody | anti-ODF3 antibody

ODF3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283703	Rabbit	Mouse	Immunohistochemistry, ELISA, Western Blot

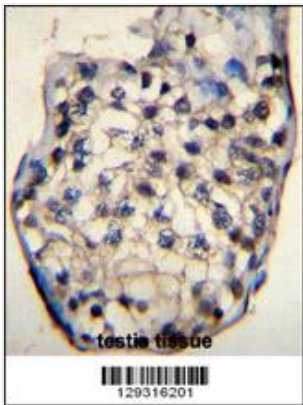
PRODUCT SYNONYMS

ODF3; Polyclonal Antibody; ODF3 Antibody (C-term); Outer dense fiber protein 3; Outer dense fiber of sperm tails protein 3; Sperm tail protein SHIPPO 1; Transcript induced in spermiogenesis protein 50; SHIPPO1; TISP50; anti-ODF3 antibody

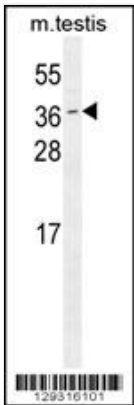
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ODF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 170-199 amino acids from the C-terminal region of human ODF3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	170-199
Sequence Length	254
Applicable Applications for anti-ODF3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
ODF3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ODF3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ODF3 Antibody (C-term) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates the ODF3 antibody detected the ODF3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ODF3 antibody	ODF3 is a component of sperm flagella outer dense fibers, which add stiffness, elastic recoil, and protection against shearing forces during sperm movement.
Product Categories/Family for anti-ODF3 antibody	Cell Biology; Developmental Biology
References	Soranzo, N., et al. Nat. Genet. 41(11):1182-1190(2009) Egydio de Carvalho, C., et al. Biol. Reprod. 66(3):785-795(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19526475
NCBI GeneID	113746
NCBI Accession #	NP_444510.2
NCBI GenBank Nucleotide #	NM_053280.4
UniProt Accession #	Q96PU9; Q69YX0; B7ZLT0
Molecular Weight	27710
NCBI Official Full Name	outer dense fiber protein 3 isoform 1
NCBI Official Synonym Full Names	outer dense fiber of sperm tails 3
NCBI Official Symbol	ODF3
NCBI Official Synonym Symbols	CT135; TISP50; SHIPPO1
NCBI Protein Information	outer dense fiber protein 3
UniProt Protein Name	Outer dense fiber protein 3
UniProt Gene Name	ODF3
UniProt Synonym Gene Names	SHIPPO1; TISP50
UniProt Entry Name	ODF3A_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://www.aaabiotech.com/polyclonal/odf3-antibody-immunohistochemistry-western-blot-elisa/283703>