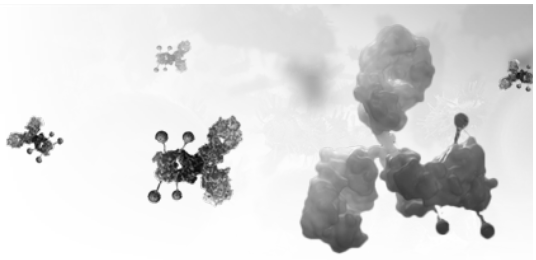

Anti-ODF2 (aa 649-661) polyclonal antibody (DPABH-14654)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Seems to be a major component of sperm tail outer dense fibers (ODF). ODFs are filamentous structures located on the outside of the axoneme in the midpiece and principal piece of the mammalian sperm tail and may help to maintain the passive elastic structures and elastic recoil of the sperm tail. May have a modulating influence on sperm motility. Functions as a general scaffold protein that is specifically localized at the distal/subdistal appendages of mother centrioles. Component of the centrosome matrix required for the localization of PLK1 and NIN to the centrosomes. Required for the formation and/or maintenance of normal CETN1 assembly.
Immunogen	Synthetic peptide: C-REKHQASQKENKQ, corresponding to internal sequence amino acids 649-661 of Human Cenexin1/ODF2 (NP_002531.3; NP_702915.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	200 µl
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ODF2 outer dense fiber of sperm tails 3 [Homo sapiens]
Official Symbol	ODF2
Synonyms	ODF2; outer dense fiber of sperm tails 2; CT134; ODF84; ODF2/1; ODF2/2; outer dense fiber protein 2; cenexin 1; cancer/testis antigen 134; sperm tail structural protein; outer dense fiber of sperm tails, 84-kD;
Entrez Gene ID	4957
Protein Refseq	NP_001229281.1
UniProt ID	Q5BJF6
Pathway	Cell Cycle; Centrosome maturation; Loss of Nlp from mitotic centrosomes; Mitotic G2-G2/M phases
Function	protein binding; structural molecule activity;

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