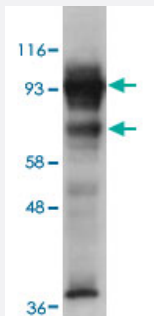


ODF2 polyclonal antibody

Catalog # PAB19932 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of mouse F9 embryonic carcinoma cells with ODF2 polyclonal antibody (Cat # PAB19932).

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant ODF2.
Immunogen	Recombinant protein corresponding to human ODF2.
Host	Rabbit
Theoretical MW (kDa)	93
Reactivity	Human
Specificity	It is directed against, and shows specific reactivity for, human Cenexin-1 protein. A BLAST analysis was used to suggest cross-reactivity with Cenexin-1 from human, chimpanzee, mouse, rat, bovine sources based on 100% homology with the immunizing sequence. Reactivity with Cenexin-1 protein from other sources has not been determined.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	ELISA (1:500-1:10000) WB (1:500-1:2000) The optimal working dilution should be determined by the end user.

Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of mouse F9 embryonic carcinoma cells with ODF2 polyclonal antibody (Cat # PAB19932).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ODF2

Entrez GeneID	4957
Gene Name	ODF2
Gene Alias	FLJ44866, MGC111096, MGC9034, ODF2/1, ODF2/2, ODF84
Gene Description	outer dense fiber of sperm tails 2
Omim ID	602015
Gene Ontology	Hyperlink
Gene Summary	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. Multiple protein isoforms are encoded by transcript variants of this gene; however, not all isoforms and variants have been fully described. [provided by RefSeq]
Other Designations	OTTHUMP00000022273 OTTHUMP00000022274 cenexin 1 outer dense fiber of sperm tails, 84-kD outer dense fibre of sperm tails 2 sperm tail structural protein

Disease

- [Tobacco Use Disorder](#)