

A16023

Leader in Biomolecular Solutions for Life Science



ODF1 Rabbit pAb

Catalog No.: A16023

Basic Information

Observed MW

28kDa

Calculated MW

28kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

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. The human outer dense fibers contains at least 10 major proteins and this gene encodes the main protein.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4956

Swiss Prot

Q14990

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 80-180 of human ODF1 (NP_077721.2).

Synonyms

ODF; RT7; ODF2; ODFP; SODF; CT133; ODF27; ODFPG; HSPB10; ODFPGA; ODFPGB; ODF1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

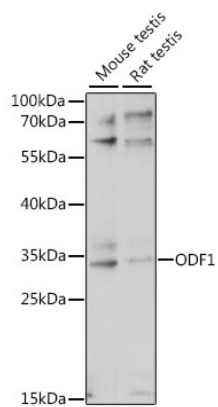
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using ODF1 Rabbit pAb (A16023) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.