

DNAxPAb

Hard-to-Find
Antibody

ODF2 DNAxPab

Catalog # H00004957-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ODF2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MKDRSSTPPLHVHVDENTPVHVHIKKLPKPSATSSQKSHKRGMKGDTVNVRRSVRVKTKNPPH
CLEITPPSSEKLVSVMLRSDLSTEDDDSGHCKMNRYDKKIDSLMNAVGLKSEVKMQKGERQM
AKRFLERKEELEVAHELAETEHENTVLRHNIERMKEEKDFTILQKKHLQQEKECLMSKLVEAE
MDGAAAAKQVMALKDTIGKLKTEKQMTCTDINTLTRQKELLQKLSTFEETNRTLRLDLLREQHCKE
DSERLMEQQGALLKRLAEADSEKARLLLLLQDKDKEVEELLQEIQCEKAQAKTASELSKSMESM
RGHLQAQLRSKEAENSRLCMQIKNLSRGNQHKAEEVEAIMEQLKELKQKGDRDKESLKKAIRAQ
KERAEKSEYAEQLHVQLADKDLVYAEALSTLESWRSRYNQVVKEKGDLELEIIVLNDRVTDLVN
QQQTLLEKMREDRDSLVERLHRQTAEYSAFKLENERLKASFAPMEDKLNQAHLEVQQLKASVK
NYEGMIDNYKSQVMKTRLEADEVAAQLERC DKENKILKDEM NKEIEAARRQFQSQLADLQQLPDI
LKITEAKLAECQDQLQGYERKNIDLTAIISDLRSRIEHQGDKLEMAREKHQASQKENKQLSLKVDEL
ERKLEATSAQNIEFLQVIKREEAIHQSQLRLEEKTRCGTLARQLESAIEDARRQVEQTKEHALSK
ERAAQNKILDLETQLSRTKTELSQLRRSRDDADRRYQSRLQDLKDRLEQSESTNRSMQNYVQFLK
SSYANVFGDGPYSTFLTSSPIRSRPPA

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ODF2

Entrez GeneID [4957](#)

GeneBank Accession# [NM_002540.3](#)

Protein Accession# [NP_002531.3](#)

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 re coil 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](#)