10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ODF3B Rabbit pAb

Catalog # AP96344

Product Information

Application	WB
Primary Accession	A8MYP8
Other Accession	A8MYP8
Reactivity	Mouse
Predicted	Rat, Pig, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27280
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ODF3B
Epitope Specificity	51-150/253
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ODF3 family. Contains 1 STPGR (Sperm-tail PG-rich) repeat.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ODF3B, also known as ODF3L3 (outer dense fiber protein 3-like protein 3), is a 253 amino acid protein belonging to the ODF3 family. Existing as two isoforms produced by alternative splicing, ODF3B contains one DUF1309 repeat. The gene that encodes ODF3B maps to human chromosome 22, which contains over 500 genes and about 49 million bases. Being the second smallest human chromosome, 22 contains a surprising variety of interesting genes. Phelan-McDermid syndrome, Neurofibromatosis type 2 and autism are associated with chromosome 22. A schizophrenia susceptibility locus has been identified on chromosome 22 and studies show that 22q11 deletion symptoms include a high incidence of schizophrenia. Translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein, BCR-Abl, a potent cell proliferation activator found in several types of leukemia.

Additional Information

Gene ID	440836
Other Names	FAP123; ODF3B; ODF3L3; 2010001J22Rik; CMA1B_HUMAN; CIMAP1B; Outer dense fiber protein 3-like protein 3; Outer dense fiber protein 3B; CMA1B_MOUSE;
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CIMAP1B (HGNC:34388)
Synonyms	ODF3B, ODF3L3
Cellular Location	Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q920N1}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.