

For Research Use Only

CoraLite® Plus 488-conjugated ODF2 Polyclonal antibody



Catalog Number: CL488-12058

Featured Product

Basic Information

Catalog Number: CL488-12058	GenBank Accession Number: BC010629	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4957	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: outer dense fiber of sperm tails 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 763 aa, 89 kDa	
Immunogen Catalog Number: AG2693	Observed MW: 67-100 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : mouse testis tissue,
Species Specificity: human, mouse, rat	

Background Information

ODF2 (outer dense fiber 2) is the major cenexin protein of the cytoskeleton of the sperm tail. In somatic cells, it is a component of the centrosome in which it is located in the appendages of the mother centriole. The gene for the cenexin protein, which was first identified as a protein marker of the mother centriole, was subsequently found to be identical to ODF2 and encodes transcripts cenexin 1 and cenexin 2. ODF2 is ubiquitously expressed in many cell types as various splicing variants. Additionally, ODF2 localizes to centrioles, basal bodies, and primary cilia, which are all structurally and functionally interconnected. ODF2 has 10 isoforms with MW 67-100 kDa.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

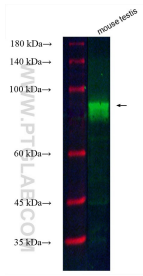
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-12058 (ODF2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.