

For Research Use Only

AFAF/EQTN Polyclonal antibody

Catalog Number: 23168-1-AP



Basic Information

Catalog Number: 23168-1-AP	GenBank Accession Number: BC137351	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1500 µg/ml by Nanodrop and 647 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54586	Recommended Dilutions: WB 1:500-1:2000 IF 1:10-1:100
Source: Rabbit	Full Name: chromosome 9 open reading frame 11	
Isotype: IgG	Calculated MW: 294 aa, 33 kDa	
Immunogen Catalog Number: AG19656	Observed MW: 27-29 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : HepG2 cells, HeLa cells
Species Specificity: human	IF : HepG2 cells,

Background Information

The AFAF gene (also known as EQTN and C9orf11) encodes a membrane protein that is specifically localized to the acrosomal membrane. AFAF is involved in the process of fertilization and in acrosome biogenesis. Expression analysis demonstrates that AFAF is highly expressed in the testis, although minor expression was seen in other tissues. AFAF has 3 isoforms with molecular weights of 14, 29, and 33 kDa. However, there is an article that detects that the molecular weight of mouse testis is between 40-65 kDa (PMID: 19605790).

Storage

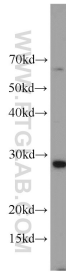
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

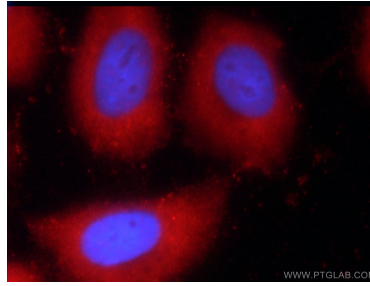
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 23168-1-AP (AFAF/EQTN antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 23168-1-AP (AFAF/EQTN antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.