

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 ug/ml by Nanodrop and 647 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54586	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9NQ60	
Isotype: IgG	Full Name: chromosome 9 open reading frame 11	
Immunogen Catalog Number: AG19656	Calculated MW: 294 aa, 33 kDa	
	Observed MW: 27-29 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HepG2 cells, HeLa cells IF/ICC : 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 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, one article detected molecular weight between 40-65 kDa in mouse testis (PMID: 19605790).

Storage

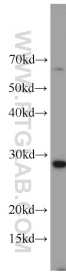
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

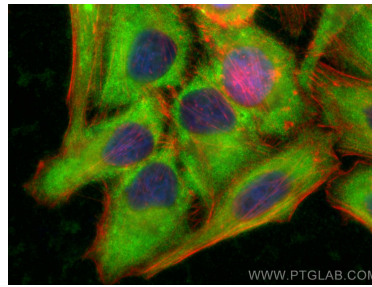
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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Selected Validation Data



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 (-20°C Ethanol) fixed HepG2 cells using AFAF/EQTN antibody (23168-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).