

Nur für Forschungszwecke

# AFAF/EQTN Polyklonaler Antikörper

Katalog-Nr.: 23168-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 23168-1-AP	<b>GenBank-Zugangsnummer:</b> BC137351	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 1500 µg/ml von 54586 Nanodrop und 647 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 54586	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IF 1:10-1:100
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> chromosome 9 open reading frame 11	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 294 aa, 33 kDa	
<b>Immunogen Katalognummer:</b> AG19656	<b>Beobachtete Masse:</b> 27-29 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, WB, ELISA	<b>Positivkontrollen:</b> WB: HepG2-Zellen, HeLa-Zellen
<b>Getestete Reaktivität:</b> Human	IF: HepG2-Zellen,

## Hintergrundinformationen

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).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

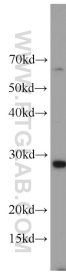
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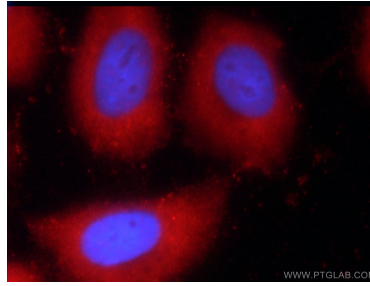
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## Ausgewählte Validierungsdaten



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.