

Nur für Forschungszwecke

# AHNAK Polyklonaler Antikörper

Katalog-Nr.:16637-1-AP

2 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 16637-1-AP	<b>GenBank-Zugangsnummer:</b> BC000926	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 1200 µg/ml von79026 Nanodrop;	<b>GeneID (NCBI):</b> Vollständiger Name: AHNAK nucleoprotein	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Berechnete Masse:</b> 629 kDa	
<b>Isotyp:</b> IgG		
<b>Immunogen Katalognummer:</b> AG9986		

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : HEK-293-Zellen, HeLa-Zellen
<b>In Publikationen genannte Anwendungen:</b> FC, IF	<b>IHC :</b> humanes Ösophaguskarzinomgewebe,
<b>Getestete Reaktivität:</b> Human	<b>IF :</b> HeLa-Zellen,
<b>Zitierte Arten:</b> Human	

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

AHNAK, also known as desmoyokin, is described as a giant scaffold protein based on its large size (629 kDa) and ability to interact with different proteins to form multi-protein complexes. The bulk of the protein is assembled in 128-residue repetitive elements known as the central repeated unit (CRU). Its proposed functions are quite diverse, ranging from a role in the formation of the blood brain barrier, in cell architecture and migration, to the regulation of cardiac channels and muscle membrane repair. AHNAK is differentially expressed in some cancer cell lines. The expression of AHNAK is subsequently localized to the plasma membrane of keratinocytes in human epidermis. AHNAK has been reported in many intracellular locations including the nucleus, cytoplasm and plasma membrane.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Liman Li	35766885	Clin Exp Immunol	FC
Yuta Asano	34272370	Nat Commun	IF

## 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.

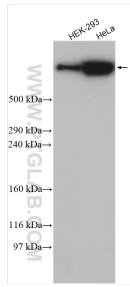
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

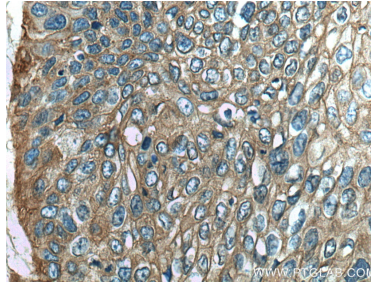
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

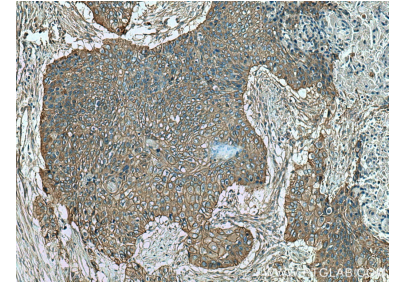
## Ausgewählte Validierungsdaten



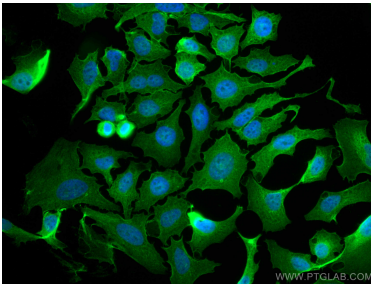
Various lysates were subjected to Tris-Acetate gel system followed by western blot with 16637-1-AP (AHNAK antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 16637-1-AP (AHNAK antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 16637-1-AP (AHNAK antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using AHNAK antibody (16637-1-AP) at dilution of 1:200 and CoralLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).