

Nur für Forschungszwecke

# DNAJC9 Polyklonaler Antikörper

Katalog-Nr.: 25444-1-AP

Vorgestelltes Produkt

1 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 25444-1-AP	<b>GenBank-Zugangsnummer:</b> BC136507	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 700 µg/ml von Nanodrop und 373 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 23234	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> DnaJ (Hsp40) homolog, subfamily C, member 9	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 260 aa, 30 kDa	
<b>Immunogen Katalognummer:</b> AG22123	<b>Beobachtete Masse:</b> 30-35 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, WB, ELISA	<b>Positivkontrollen:</b> WB: HEK-293-Zellen, HeLa-Zellen, Raji-Zellen, SH-SY5Y-Zellen IF: U2OS-Zellen,
<b>In Publikationen genannte Anwendungen:</b> WB	
<b>Getestete Reaktivität:</b> Human	
<b>Zitierte Arten:</b> Human	

## Hintergrundinformationen

DNAJC9, DnaJ homolog subfamily C member 9, acts as a dual histone chaperone and heat shock co-chaperone (PMID: 33857403). As a histone chaperone, DNAJC9 forms a co-chaperone complex with MCM2 and histone H3-H4 heterodimers (PMID: 33857403). DNAJC9 also plays a role as co-chaperone of the HSP70 family of molecular chaperone proteins. (PMID: 17182002, PMID: 33857403). DNAJC9 exhibits activity to assemble histones onto DNA (PMID: 33857403). DNAJC9 is an essential protein in many cancer cell types and the levels of the protein correlate with the rates at which cancer cells proliferate.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Hexiao Shen	30718521	Sci Rep	WB

## Lagerung

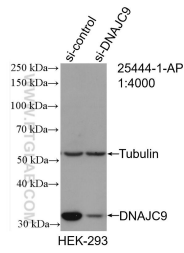
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

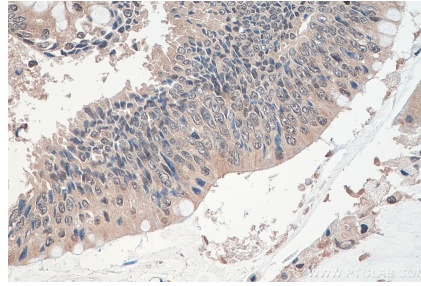
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

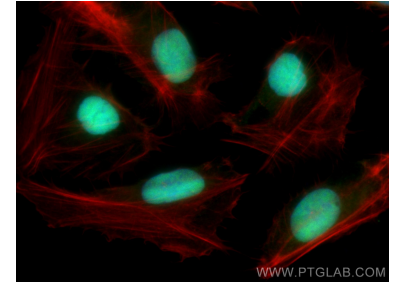
## Ausgewählte Validierungsdaten



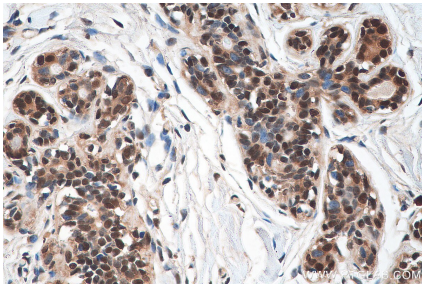
WB result of DNAJC9 antibody (25444-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNAJC9 transfected HEK-293 cells.



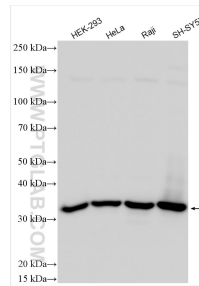
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25444-1-AP (DNAJC9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using DNAJC9 antibody (25444-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 25444-1-AP (DNAJC9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 25444-1-AP (DNAJC9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.