À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-DNAJC9

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:25444-1-AP Phare 1 Publications

Informations de base

Numéro de catalogue:
25444-1-AP

Taille:
150ul , Concentration: 700 μg/ml by Nanodrop and 373 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG22123

Numéro d'acquisition GenBank:
BC136507

Identification du gène (NCBI):
23234

Nom complet:
DnaJ (Hsp40) homolog, subfamily C, member 9

MW calculé
260 aa, 30 kDa

MW observés:
30-35 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules Raji, cellules SH-SY5Y

IHC : tissu de cancer du sein humain, tissu de cancer du côlon humain, tissu de côlon de rat, tissu de côlon de souris

IF : cellules U2OS,

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Hexiao Shen	30718521	Sci Rep	WB

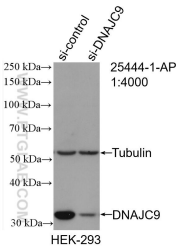
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

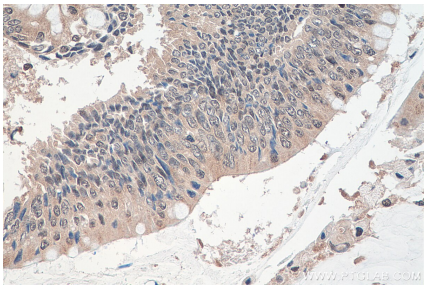
***** Les 20ul contiennent 0,1% de BSA.**

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

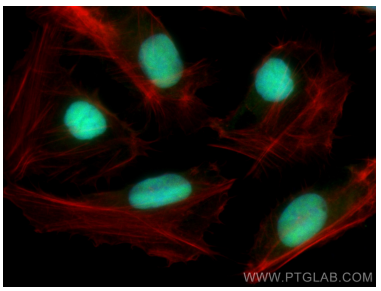
Données de validation sélectionnées



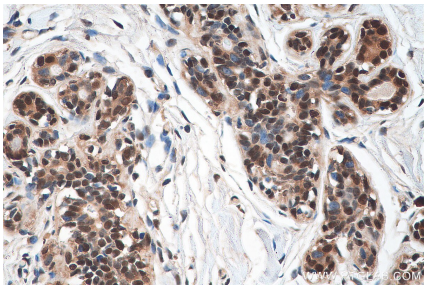
WB result of DNAJC9 antibody (25444-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DNAJC9 transfected HEK-293 cells.



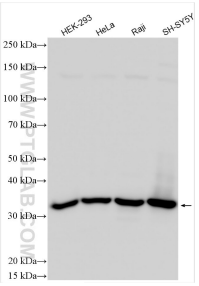
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25444-1-AP (DNAJC9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



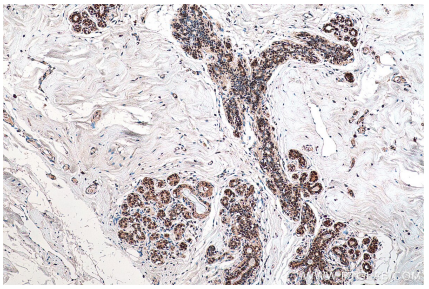
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using DNAJC9 antibody (25444-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



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.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 25444-1-AP (DNAJC9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).