

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-GAPDH (Human Specific)



Numéro de catalogue: 80570-1-RR

4 Publications

Informations de base

Numéro de catalogue: 80570-1-RR	Numéro d'acquisition GenBank: BC004109	Méthode de purification: Purification par protéine A
Taille: 100ul, Concentration: 400 µg/ml by Nanodrop;	Identification du gène (NCBI): 2597	CloneNo.: 2G21
Hôte: Lapin	Nom complet: glyceraldehyde-3-phosphate dehydrogenase	Dilutions recommandées: WB 1:2000-1:16000 IHC 1:400-1:1600 IF 1:200-1:800
Isotype: IgG	MW calculé 36 kDa	
Immunogen Catalog Number: AG0766		

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules Jurkat, cellules K-562

IHC : tissu de cancer du foie humain, tissu pulmonaire humain

IF : cellules HeLa,

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.

Informations générales

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. GAPDH participates in nuclear events including transcription, binding RNA, RNA transportation, DNA replication, DNA repair and apoptosis. Being stably and constitutively expressed at high levels in most tissues and cells, GAPDH is considered a housekeeping protein. It is widely used as a control for RT-PCR and also loading control in electrophoresis and Western blotting. GAPDH is normally expressed in cellular cytoplasm or membrane, but can occasionally translocate to the nucleus after the addition of post-translational modifications such as S-nitrosylation. This antibody is raised against full length GAPDH of human origin. It can recognize the 36 kDa GAPDH protein in most cells/tissues. In addition, a band below 36 kDa can always be detected as the isoform or spliced product of GAPDH (PMID: 23885286, 23877755, 19368702). Please note that some physiological factors, such as hypoxia and diabetes, increase GAPDH expression in certain cell types. For murine tissue samples, conjugated mouse antibody HRP-60004 and rabbit antibody 10494-1-AP are preferable. 80570-1-RR is human specific.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lizong Wang	36173462	J Cancer Res Clin Oncol	WB
Guanli Zhang	36193555	J Biochem Mol Toxicol	WB
Zhi-Hu Zhao	35128373	Mater Today Bio	WB

Stockage

Stockage:

Stocker à -20 °C

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.

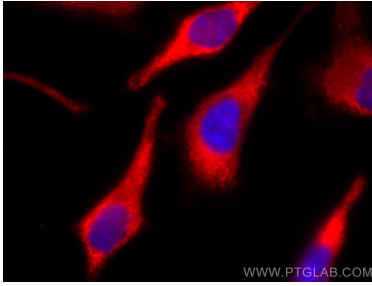
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

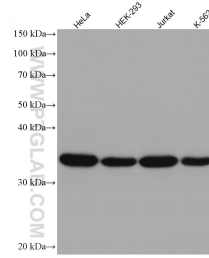
E: proteintech@ptglab.com
W: ptglab.com

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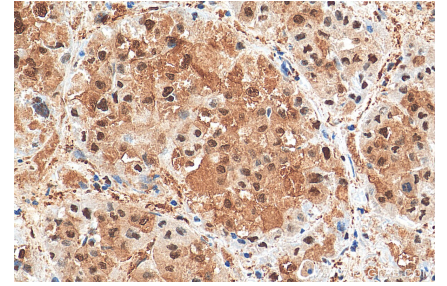
Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using GAPDH (Human Specific) antibody (80570-1-RR, Clone: 2G21) at dilution of 1:400 and CoraLite®594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 80570-1-RR (GAPDH antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 80570-1-RR (GAPDH (Human Specific) antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).