À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Aldolase C

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

Numéro de catalogue:14884-1-AP Phare 14 Publications

Informations de base

Numéro de catalogue:
14884-1-AP

Taille:
150ul , Concentration: 400 μg/ml by Nanodrop and 267 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG6659

Numéro d'acquisition GenBank:
BC003613

Identification du gène (NCBI):
230

Nom complet:
aldolase C, fructose-bisphosphate

MW calculé
39 kDa

MW observés:
39 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:10000
IHC 1:50-1:500
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, WB,ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

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 K-562, tissu cardiaque humain, tissu cérébral de rat, tissu cérébral de souris, tissu de cervelet de souris

IHC : tissu cérébral de souris,

IF : cellules HepG2, tissu cérébral de souris

Informations générales

Fructose-bisphosphate aldolase C (ALDOC) reversibly cleaves FBP and F1-P to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate and is strongly expressed in mammalian brain together with ALDOA and is alsopresent in the heart and spleen of some species(PMID:9363598). It is involved in glycolysis as an important enzyme. Phospholipase D2 and inositol 1,4,5-triphosphate interact with ALDOC in signal transduction. Meanwhile, the protein expression of ALDOC has been reported to be regulated in brain tumor, hepatomas, and lung cancer(PMID:21548097).

Publications notables

Autrice	Pubmed ID	Journal	Application
Scott P Allen	31647549	Brain	WB
Minzhe Zhu	33059001	Biochim Biophys Acta Mol Basis Dis	WB
J J David Ho	32472050	Nat Commun	WB

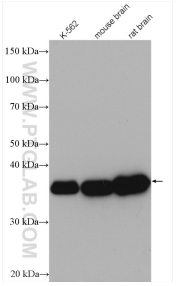
Stockage

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

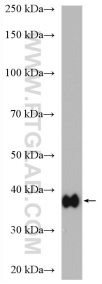
***** Les 20ul contiennent 0,1% de BSA.**

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

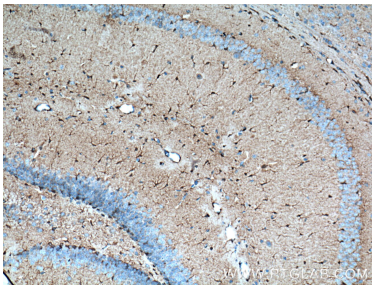
Données de validation sélectionnées



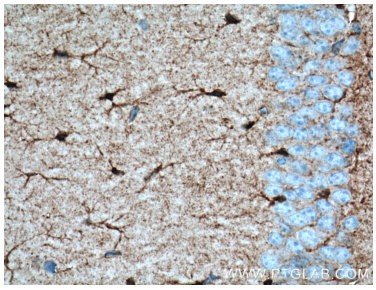
Various lysates were subjected to SDS PAGE followed by western blot with 14884-1-AP (Aldolase C antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



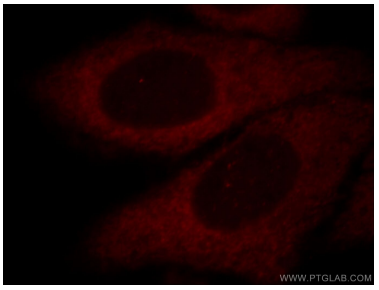
mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 14884-1-AP (Aldolase C antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14884-1-AP (Aldolase C antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14884-1-AP (Aldolase C antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using ALDOC antibody 14884-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).