

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-VDAC1/2



Numéro de catalogue: 10866-1-AP

Phare

131 Publications

Informations de base

Numéro de catalogue: 10866-1-AP	Numéro d'acquisition GenBank: BC008482	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 600 µg/ml by Nanodrop;	Identification du gène (NCBI): 7416	Dilutions recommandées: WB 1:500-1:3000 IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: voltage-dependent anion channel 1	
Isotype: IgG	MW calculé 31 kDa	
Immunogen Catalog Number: AG1144	MW observés: 31 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, Lapin, poisson-zèbre, porc, rat, singe, 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 HEK-293, cellules 4T1, cellules Jurkat, cellules MCF-7, cellules MDA-MB-453s, tissu rénal de rat, tissu rénal de souris

IHC : tissu de côlon humain, tissu cardiaque de souris

IF : tissu de cancer du foie humain,

Informations générales

VDAC1, also named as VDAC, porin 31HM, porin 31HL and plasmalemmal porin, belongs to the eukaryotic mitochondrial porin family. It adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV, to form a channel through the mitochondrial outer membrane and also the plasma membrane. Unlike other membrane transport proteins, porins are large enough to allow passive diffusion. Studies have shown that VDAC1 is subject to both phosphorylation and acetylation (PMID: 23233904). The apparent molecular weight of VDAC1 is 30-37 kDa (PMID: 14573604; 23754752; 25681439). Hypoxic conditions were found to trigger cleavage of the VDAC1 C-terminal to yield a 26-kDa truncated but active form (PMID: 22389449; 23233904). This polyclonal antibody raised against full-length human VDAC1 protein can cross react with VDAC2.

Publications notables

Autrice	Pubmed ID	Journal	Application
Han Liao	26415619	Chem Biol Interact	WB
Junjun Zhou	32942015	Pharmacol Res	WB
Jingyao Li	36089186	Kidney Int	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.

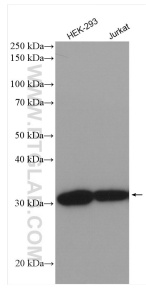
For technical support and original validation data for this product please contact:

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

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

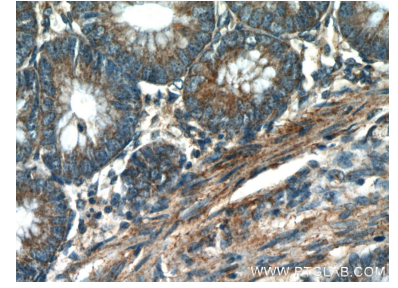
Données de validation sélectionnées



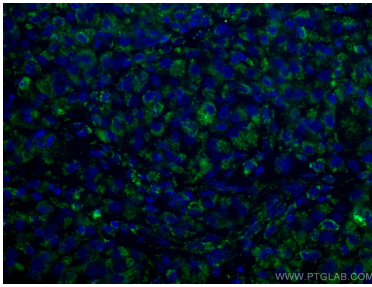
Various lysates were subjected to SDS PAGE followed by western blot with 10866-1-AP (VDAC1/2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



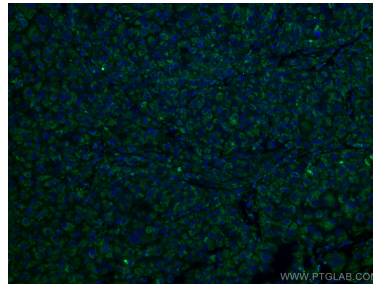
Immunohistochemical analysis of paraffin-embedded human colon using 10866-1-AP (VDAC1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon using 10866-1-AP (VDAC1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using 10866-1-AP (VDAC1/2 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using 10866-1-AP (VDAC1/2 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).