

À des fins de recherche uniquement

Anticorps Monoclonal anti-AMPK Alpha 1



Numéro de catalogue: 66536-1-Ig

Phare

55 Publications

Informations de base

Numéro de catalogue: 66536-1-Ig	Numéro d'acquisition GenBank: BC012622	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5562	CloneNo.: 1H8E1
Hôte: Mouse	Nom complet: protein kinase, AMP-activated, alpha 1 catalytic subunit	Dilutions recommandées: WB 1:500-1:3000 IHC 1:50-1:500
Isotype: IgG1	MW calculé: 63 kDa	
Immunogen Catalog Number: AG24744	MW observés: 64 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

FC, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Chèvre, Humain, porc, rat, souris, Hamster

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules 4T1, cellules A549, cellules HEK-293, cellules HepG2, cellules HSC-T6, cellules HT-29, cellules Jurkat, cellules K-562, cellules LO2, cellules MCF-7, cellules NIH/3T3, cellules PC-12, cellules THP-1

IHC : tissu de cancer du sein humain, tissu de cancer de la prostate humain

Informations générales

The mammalian 5-prime-AMP-activated protein kinase (AMPK) appears to play a role in protecting cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. PRKAA1 is also named as AMPK1, ACACA kinase, HMGCR kinase. It is a mammalian homologue of sucrose non-fermenting protein kinase (SNF-1), which belongs to a serine/threonine protein kinase family. It has 2 isoforms with molecular mass of 63-66 kDa produced by alternative splicing.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jiarui Fang	36102200	Mol Carcinog	WB
Zimengwei Ye	36160420	Front Pharmacol	WB
Yaoyao Xia	31670355	Food Funct	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.

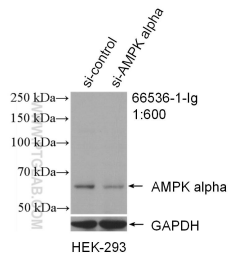
For technical support and original validation data for this product please contact:

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

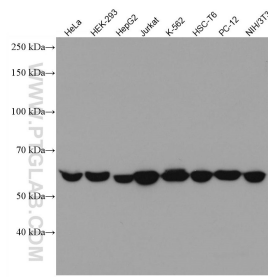
E: proteintech@ptglab.com
W: ptglab.com

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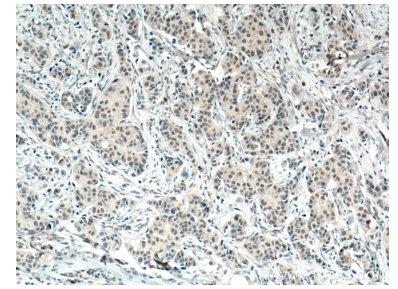
Données de validation sélectionnées



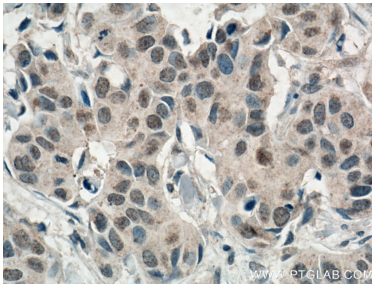
WB result of AMPK alpha antibody (66536-1-Ig; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-AMPK alpha transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66536-1-Ig (AMPK alpha antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66536-1-Ig (AMPK alpha 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 human breast cancer tissue slide using 66536-1-Ig (AMPK alpha antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).