

Nur für Forschungszwecke

AMPK Alpha 1 Monoklonaler Antikörper



Katalog-Nr.: 66536-1-Ig

Vorgestelltes Produkt

51 Publikationen

Allgemeine Informationen

Katalog-Nr.:

66536-1-Ig

Größe:

150ul, Konzentration: 1800 µg/ml von 5562

Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG1

Immunogen Katalognummer:

AG24744

GenBank-Zugangsnummer:

BC012622

GeneID (NCBI):

5562

Vollständiger Name:

protein kinase, AMP-activated, alpha 1 catalytic subunit

Berechnete Masse:

63 kDa

Beobachtete Masse:

64 kDa

Reinigungsmethode:

Protein-A-Reinigung

CloneNo.:

1H8E1

Empfohlene Verdünnungen:

WB 1:500-1:3000

IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hamster, Hausschwein, Human, Maus, Ratte, Ziege

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

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

IHC: humanes Mammakarzinomgewebe, humanes Prostatakarzinomgewebe

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jiarui Fang	36102200	Mol Carcinog	WB
Zimengwei Ye	36160420	Front Pharmacol	WB
Yaoyao Xia	31670355	Food Funct	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

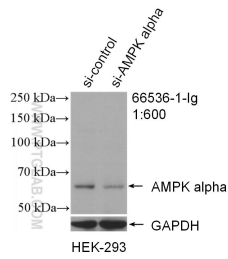
For technical support and original validation data for this product please contact:

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

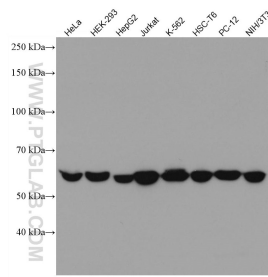
E: proteintech@ptglab.com
W: ptglab.com

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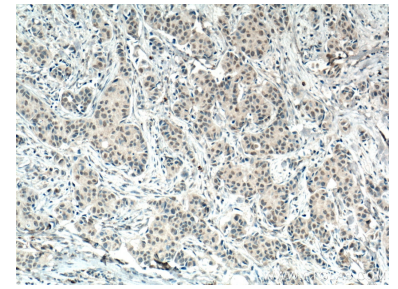
Ausgewählte Validierungsdaten



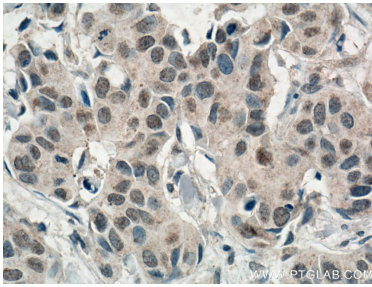
WB result of AMPK alpha antibody (66536-1-Ig; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-AMPK alpha transfected HEK-293 cells.



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).