

À des fins de recherche uniquement

Anticorps Monoclonal anti-STK11/LKB1



Numéro de catalogue: 68016-1-Ig

Informations de base

Numéro de catalogue: 68016-1-Ig	Numéro d'acquisition GenBank: BC007981	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 6794	CloneNo.: 2D11E5
Hôte: Mouse	Nom complet: serine/threonine kinase 11	Dilutions recommandées: WB 1:1000-1:9800 IHC 1:250-1:1000
Isotype: IgG1	MW calculé 49 kDa MW observés: 50-55 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain, rat, 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 HeLa, cellules HSC-T6 traitées à la calyculine A, cellules NIH/3T3, cellules PC-3

IHC : tissu testiculaire de souris,

Informations générales

STK11 (serine/threonine-protein kinase 11) is also named as LKB1, PJS, and belongs to the protein kinase superfamily. It controls the activity of AMP-activated protein kinase (AMPK) family members, thereby playing a role in various processes such as cell metabolism, cell polarity, apoptosis and DNA damage response. The tumour suppressor protein LKB1 is a serine/threonine kinase that has been causally linked to Peutz-Jeghers syndrome (PJS). Defects in STK11 are a cause of Peutz-Jeghers syndrome (PJS) and defects in STK11 have been associated with testicular germ cell tumor (TGCT) and some sporadic cancers, especially lung cancers. STK11 has 2 isoforms with MW of 49 kDa and 45 kDa, and can be detected as 50-54 kDa after posttranslational modification.

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.

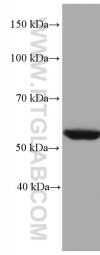
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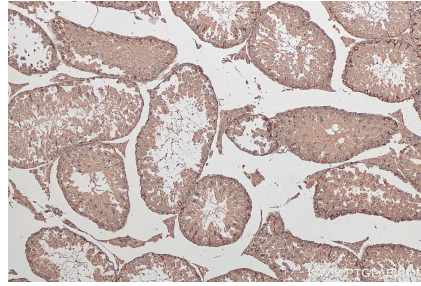
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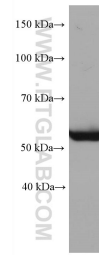
Données de validation sélectionnées



HEK-293 cells were subjected to SDS PAGE followed by western blot with 68016-1-Ig (STK11/LKB1 antibody) at dilution of 1:4900 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 68016-1-Ig (STK11/LKB1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 68016-1-Ig (STK11/LKB1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.