

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ULK1



Numéro de catalogue: 27352-1-AP

Informations de base

Numéro de catalogue: 27352-1-AP	Numéro d'acquisition GenBank: NM_003565	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 650 µg/ml by Nanodrop;	Identification du gène (NCBI): 8408	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: unc-51-like kinase 1 (C. elegans)	
Isotype: IgG	MW observés: 150 kDa	
Immunogen Catalog Number: AG22397		

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : cellules HeLa, cellules C2C12, cellules HepG2 IHC : tissu de muscle squelettique de souris, tissu de cancer du foie humain
Spécificité de l'espèce: 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.	

Informations générales

ULK1, also named as KIAA0722, belongs to the protein kinase superfamily, Ser/Thr protein kinase family and APG1/unc-51/ULK1 subfamily. It is involved in autophagy. ULK1 is required for autophagosome formation. It forms a stable complex with Atg13 and focal adhesion kinase (FAK) family interacting protein of 200 kDa (FIP 200) (PMID:21460634). ULK1 phosphorylates ATG13/KIAA0652. It is involved in axon growth. ULK1 plays an essential role in neurite extension of cerebellar granule cells. ULK1 represents a potential novel prognostic biomarker for HCC patients and may play an important role during the progression of HCC (PMID:23573318). ULK1 is a 113 kDa protein that it also can be detected a band of 150 kDa through the western blot (PMID: 32904616, PMID: 32899862, PMID: 37270528).

Stockage

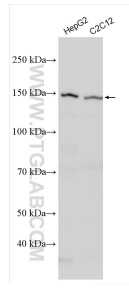
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azotate de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

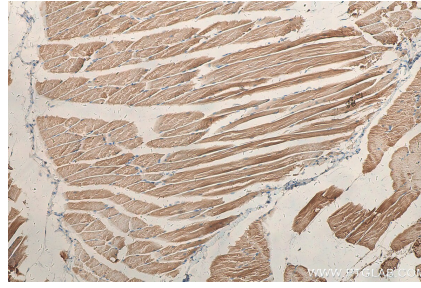
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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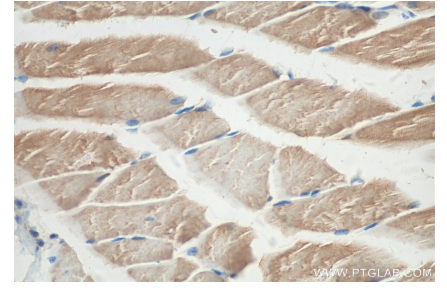
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 27352-1-AP (ULK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 27352-1-AP (ULK1 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 skeletal muscle tissue slide using 27352-1-AP (ULK1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).