



ULK1 (phospho-Ser638) mouse mAb

Catalog No	BYmab-14626
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ULK1 KIAA0722
Protein Name	ULK1 (Ser638)
Immunogen	Synthesized phosho peptide around human ULK1 (Ser638)
Specificity	This antibody detects endogenous levels of Human Mouse ULK1 (phospho-Ser638)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Autophagy-related protein 1 homolog) (ATG1) (hATG1) (Unc-51-like kinase 1)
Observed Band	115kD
Cell Pathway	Cytoplasm, cytosol . Preautophagosomal structure . Under starvation conditions, is localized to punctate structures primarily representing the isolation membrane that sequesters a portion of the cytoplasm resulting in the formation of an autophagosome. .
Tissue Specificity	Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Involved in axon growth. Plays an essential role in neurite extension of cerebellar granule cells.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with GABARAP and GABARAPL2.,tissue specificity:Ubiquitously expressed. Detected in the following adult tissues: skeletal muscle, heart, pancreas, brain, placenta, liver, kidney, and lung.,

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Background

matters needing attention

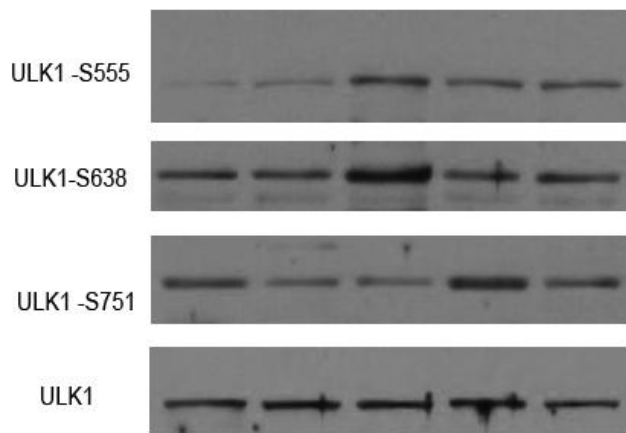
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using ULK1 (phospho-Ser638) mouse mAb



Nanjing BYabs science technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658