



ULK1 (phospho-Ser638) rabbit pAb

Catalog No	YP-Ab-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	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
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.,
Background	

**matters needing attention**

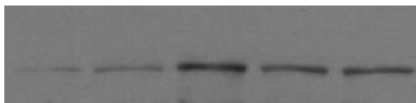
Avoid repeated freezing and thawing!

Usage suggestions

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

Products Images

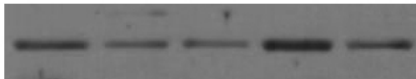
ULK1 -S555



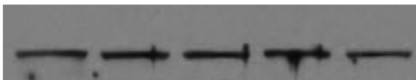
ULK1-S638



ULK1 -S751



ULK1



Western Blot analysis of various cell lysis(provided by our customer). Primary Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS23920 was diluted at 1:10000