



ULK4 Monoclonal Antibody

Catalog No	YP-mAb-06141
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ULK4
Protein Name	Serine/threonine-protein kinase ULK4 (EC 2.7.11.1) (Unc-51-like kinase 4)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ULK4 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	140kD
Cell Pathway	
Tissue Specificity	Expressed in the brain, mainly in postmitotic neurons, including GABAergic neurons, but not in astrocytes (at protein level).
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,domain:The protein kinase domain is predicted to be catalytically inactive.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 5 HEAT repeats.,
Background	This gene encodes a member of the unc-51-like serine/threonine kinase (STK) family. Members of this protein family play a role in neuronal growth and endocytosis. The encoded protein is likely involved in neurite branching, neurite elongation and neuronal migration. Genome-wide association studies (GWAS) indicate an association of variations in this gene with blood pressure and hypertension. Sequence variations in this gene may also be associated with psychiatric disorders, including schizophrenia and bipolar disorder. Pseudogenes associated with this gene have been identified and are located on chromosome 15. [provided by RefSeq, Jul 2016],

**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