



ULK4 Polyclonal Antibody

Catalog No	BYab-06141
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
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 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
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

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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

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