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ULK2 Antibody (monoclonal) (M10)

Mouse monoclonal antibody raised against a partial recombinant ULK2.

Catalog # AT4465a

Specification

ULK2 Antibody (monoclonal) (M10) - Product Information

Application	**WB, E**
Primary Accession	Q8IYT8
Other Accession	BC034988
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**112694**

ULK2 Antibody (monoclonal) (M10) - Additional Information

Gene ID 9706

Other Names
Serine/threonine-protein kinase ULK2, Unc-51-like kinase 2, ULK2, KIAA0623

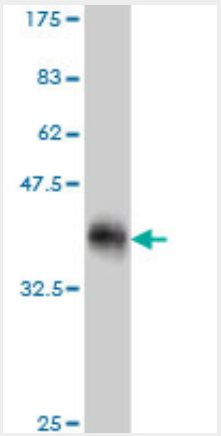
Target/Specificity
ULK2 (AAH34988, 743 a.a. ~ 843 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

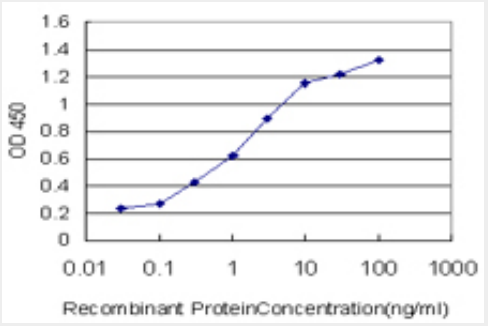
Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
ULK2 Antibody (monoclonal) (M10) is for research use only and not for use in diagnostic or therapeutic procedures.



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.52 KDa) .



Detection limit for recombinant GST tagged ULK2 is approximately 0.03ng/ml as a capture antibody.

ULK2 Antibody (monoclonal) (M10) - Protocols

ULK2 Antibody (monoclonal) (M10) - Background

This gene encodes a protein that is similar to a serine/threonine kinase in C. elegans which is involved in axonal elongation. The structure of this protein is similar to the C. elegans protein in that both proteins have an N-terminal kinase domain, a central proline/serine rich (PS) domain, and a C-terminal (C) domain. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Alternatively spliced transcript variants

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

encoding the same protein have been identified.

ULK2 Antibody (monoclonal) (M10) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.ULK-Atg13-FIP200 complexes mediate mTOR signaling to the autophagy machinery. Jung CH, et al. Mol Biol Cell, 2009 Apr. PMID 19225151.Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.