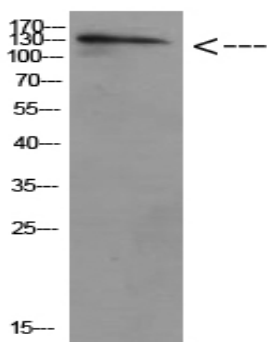


## ULK2 Polyclonal Antibody

<b>Catalog No :</b>	YT5809
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	ULK2
<b>Fields :</b>	>>Autophagy - other;>>Autophagy - animal;>>mTOR signaling pathway;>>Alzheimer disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Spinocerebellar ataxia;>>Pathways of neurodegeneration - multiple diseases
<b>Gene Name :</b>	ULK2 KIAA0623
<b>Protein Name :</b>	unc-51-like kinase 2 (C. elegans)
<b>Human Gene Id :</b>	9706
<b>Human Swiss Prot No :</b>	Q8IYT8
<b>Mouse Gene Id :</b>	29869
<b>Mouse Swiss Prot No :</b>	Q9QY01
<b>Immunogen :</b>	Synthetic peptide from human protein at AA range: 930-1000
<b>Specificity :</b>	The antibody detects endogenous ULK2 protein
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	140kD
<b>Cell Pathway :</b>	Regulation of autophagy;mTOR;
<b>Background :</b>	unc-51 like autophagy activating kinase 2(ULK2) Homo sapiens This gene encodes a protein that is similar to a serine/threonine kinase in <i>C. elegans</i> which is involved in axonal elongation. The structure of this protein is similar to the <i>C. elegans</i> 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 encoding the same protein have been identified. [provided by RefSeq, Dec 2008],
<b>Function :</b>	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. APG1/unc-51/ULK1 subfamily.,similarity:Contains 1 protein kinase domain.,
<b>Subcellular Location :</b>	Cytoplasmic vesicle membrane ; Peripheral membrane protein . Localizes to pre-autophagosomal membrane.
<b>Expression :</b>	Brain,Testis,

## Products Images



Western Blot analysis of HELA cells using Antibody diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000