



[Go to Product page](#)

Datasheet for ABIN6149925
anti-ULK4 antibody (AA 1-290)

2 Images

Overview

Quantity:	100 µL
Target:	ULK4 (ULK24)
Binding Specificity:	AA 1-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ULK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human ULK4 (NP_060356.2).
Sequence:	MENFILYEEI GRGSKTVVYK GRRKGTINLV AILCTDKCKR PEITNWVRLT REIKHKNIIVT FHEWYETSNH LWLVVELCTG GSLKTVIAQD ENLPEDVVRE FGIDLISGLH HLHKLGLIFC DISPRKILLE GPGTLKFSNF CLAKVEGENL EEFALVAAE EGGDNGENV LKKSMSKSRVK GSPVYTAPEV VRGADFSISS DLWSLGCLLY EMFSGKPPFF SESISELTEK ILCEDPLPPI PKDSSRPKAS SDFINLLDGL LQRDPQKRLT WTRLLQHSFW KKAFAFAGADQE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

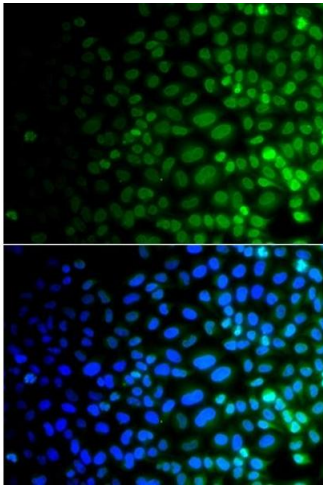
Target:	ULK4 (ULK24)
Alternative Name:	ULK4 (ULK24 Products)
Background:	<p>This gene encodes a member of the unc-51-like serine/threonine kinase (STK) family. Members of this protein family play a role in neuronal growth and endocytosis. The encoded protein is likely involved in neurite branching, neurite 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.,ULK4,FAM7C1,REC01035,Signal Transduction,Kinase,ULK4</p>
Molecular Weight:	142 kDa
Gene ID:	54986
UniProt:	Q96C45

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

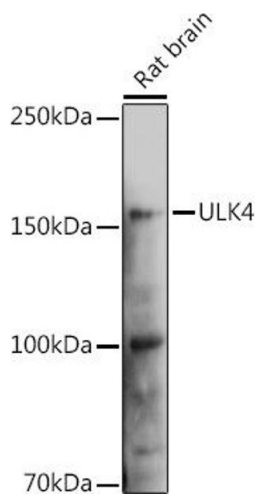
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of cells using ULK4 antibody (ABIN6132771, ABIN6149925, ABIN6149926 and ABIN6223359). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of Rat brain, using ULK4 Rabbit pAb (ABIN6132771, ABIN6149925, ABIN6149926 and ABIN6223359) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.