

# ULK4 Rabbit pAb

Catalog No.: A7471

## Basic Information

### Observed MW

160kDa

### Calculated MW

142kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

54986

### Swiss Prot

Q96C45

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human ULK4 (NP\_060356.2).

### Synonyms

FAM7C1; REC01035; ULK4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

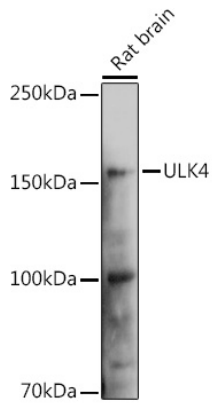
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

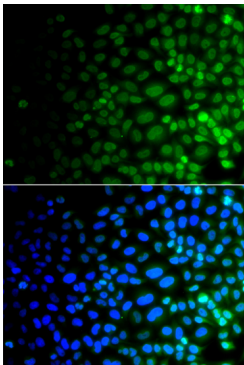
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of Rat brain, using ULK4 Rabbit pAb (A7471) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Immunofluorescence analysis of A549 cells using ULK4 antibody (A7471). Blue: DAPI for nuclear staining.