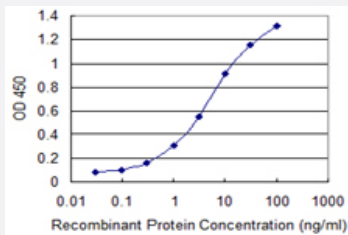


ULK2 monoclonal antibody (M09), clone 3H8

Catalog # H00009706-M09

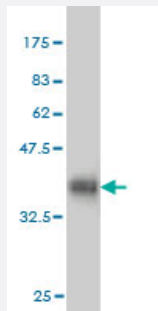
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ULK2 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

| | |
|---------------------|--|
| Product Description | Mouse monoclonal antibody raised against a partial recombinant ULK2. |
| Immunogen | ULK2 (AAH34988, 743 a.a. ~ 843 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence | FLRTRTTSVGPSNSGGSLCAMSGRVCVGSPGPGFGSSPPGAEAAAPSLRYVPYGASPPSLEGLI TFEAPELPEETLMEREHTDTRLRHLNVMLMFTECVLDL |
| Host | Mouse |
| Reactivity | Human |

| | |
|-------------------------------|--|
| Interspecies Antigen Sequence | Mouse (93); Rat (93) |
| Isotype | IgG2a Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) . |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ULK2 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ULK2

| | |
|---------------------|-----------------------------------|
| Entrez GeneID | 9706 |
| GeneBank Accession# | BC034988 |
| Protein Accession# | AAH34988 |
| Gene Name | ULK2 |
| Gene Alias | KIAA0623, Unc51.2 |
| Gene Description | unc-51-like kinase 2 (C. elegans) |
| Omim ID | 608650 |
| Gene Ontology | Hyperlink |

Gene Summary

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 encoding the same protein have been identified. [provided by RefSeq]

Other Designations

OTTHUMP00000065847|unc-51-like kinase 2

Pathway

- [mTOR signaling pathway](#)
- [Regulation of autophagy](#)

Disease

- [Parkinson disease](#)
- [Tobacco Use Disorder](#)