

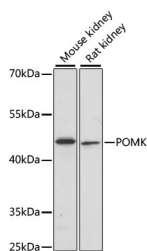
POMK Polyclonal Antibody

Catalog No. E-AB-65350
Storage Store at -20°C. Avoid freeze / thaw cycles.
Applications WB

Reactivity M,R
Host Rabbit
Isotype IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of various cell lines using POMK Polyclonal Antibody at dilution of 1:1000.

Immunogen Information

Immunogen Recombinant fusion protein of human POMK (NP_115613.1).
GeneID 84197
Swissprot Q9H5K3
Synonyms POMK,MDDGA12,MDDGC12,SGK196

Product Information

Calculated MW 40kDa
Observed MW 45kDa
Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify Affinity purification
Dilution WB 1:200-1:2000

Background

This gene encodes a protein that may be involved in the presentation of the laminin-binding O-linked carbohydrate chain of alpha-dystroglycan (a-DG), which forms transmembrane linkages between the extracellular matrix and the exoskeleton. Some pathogens use this O-linked carbohydrate unit for host entry. Loss of function compound heterozygous mutations in this gene were found in a human patient affected by the Walker-Warburg syndrome (WWS) phenotype. Mice lacking this gene contain misplaced neurons (heterotopia) in some regions of the brain, possibly from defects in neuronal migration. Alternative splicing of this gene results in multiple transcript variants.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.