

MKKS

Reactivity:Human Mouse Rat

Tested applications:WB IF

Recommended Dilution:WB 1:200 - 1:1000 IF 1:20 - 1:100

Calculated MW:62kDa

Observed MW:Refer to figures

Immunogen:

A synthetic Peptide of human MKKS

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

KMS; MKS; BBS6; HMCS;

Catalog #:A4206

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:8195

Isotype:IgG

Swiss Prot:Q9NPJ1

Purity:Affinity purification

For research use only.

Background:

This gene encodes a protein which shares sequence similarity with other members of the type II chaperonin family. The encoded protein is a centrosome-shuttling protein and plays an important role in cytokinesis. This protein also interacts with other type II chaperonin members to form a complex known as the BBSome, which involves ciliary membrane biogenesis. This protein is encoded by a downstream open reading frame (dORF). Several upstream open reading frames (uORFs) have been identified, which repress the translation of the dORF, and two of which can encode small mitochondrial membrane proteins. Mutations in this gene have been observed in patients with Bardet-Biedl syndrome type 6, also known as McKusick-Kaufman syndrome. Alternative splicing results in multiple transcript variants.

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