

## 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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