[KO Validated] KIF22 Rabbit pAb

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Catalog No.: A19881 KO Validated 1 Publications

Basic Information

Observed MW

73kDa

Calculated MW

73kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse

Background

The protein encoded by this gene is a member of the kinesin-like protein family. The family members are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:200 - 1:2000

1:50 - 1:200 IF/ICC

Recommended starting **ELISA** concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 3835 Q14807

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

KID; OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2; 22

Contact

a	400-999-6126
×	cn.market@abclonal.com.cn
$\overline{\Box}$	www.ahclonal.com.cn

Product Information

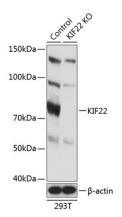
Source Isotype **Purification** Rabbit IgG Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and KIF22 knockout (KO) 293T cells, using [KO Validated] KIF22 Rabbit pAb (A19881) at 1:1000 dilution.

Secondary antibody: HRP-conjugated 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: 3s.