KIF22 Rabbit pAb

Catalog No.: A15285



Basic Information

Observed MW

73kDa

Calculated MW

73kDa

Category

Primary antibody

Applications

WB,IHC-P,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

IHC-P 1:50 - 1:200

Recommended starting 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; KIF22

Contact

| <u>a</u> | 400-999-6126 |
|-----------|---------------------------|
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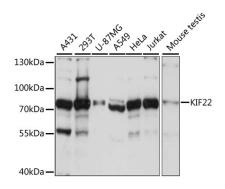
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

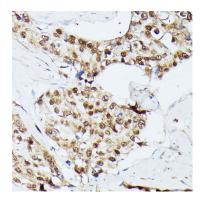


Western blot analysis of various lysates using KIF22 Rabbit pAb (A15285) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

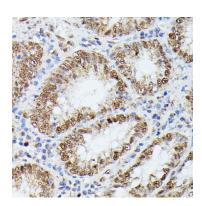
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

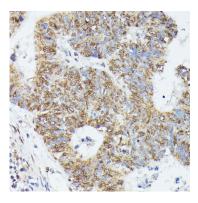
Exposure time: 3s.



Immunohistochemistry analysis of paraffinembedded Human breast cancer using KIF22 Rabbit pAb (A15285) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human colon using KIF22 Rabbit pAb (A15285) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human colon carcinoma using KIF22 Rabbit pAb (A15285) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.