


Product datasheet

Anti-KIFAP3 antibody [EPR5599] α b109026

Recombinant RabMAb

3 Images

Overview

Product name	Anti-KIFAP3 antibody [EPR5599]
Description	Rabbit monoclonal [EPR5599] to KIFAP3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HeLa, SH-SY5Y, C6, 293T, and Human fetal kidney lysates, Human bladder carcinoma tissue
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR5599

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab109026 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 100 kDa (predicted molecular weight: 91 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Application notes

Is unsuitable for Flow Cyt or IP.

Target

Function

Involved in tethering the chromosomes to the spindle pole and in chromosome movement. Binds to the tail domain of the KIF3A/KIF3B heterodimer to form a heterotrimeric KIF3 complex and may regulate the membrane binding of this complex.

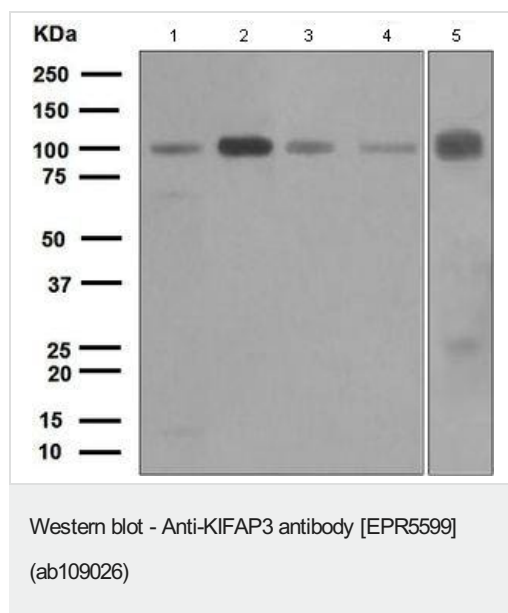
Sequence similarities

Contains 5 ARM repeats.

Post-translational modifications

Phosphorylated on tyrosine residues by SRC in vitro; this reduces the binding affinity of the protein for RAP1GDS1.

Images



All lanes : Anti-KIFAP3 antibody [EPR5599] (ab109026) at 1/1000 dilution

Lane 1 : HeLa lysate

Lane 2 : SH-SY5Y lysate

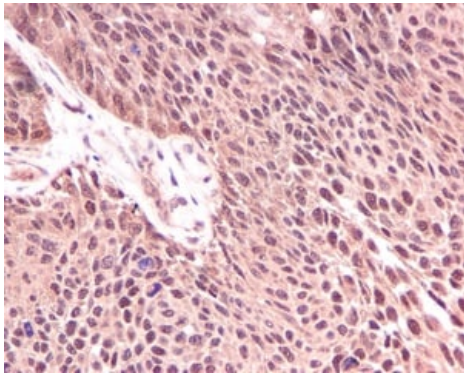
Lane 3 : C6 lysate

Lane 4 : 293T lysate

Lane 5 : Human fetal kidney lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 91 kDa



Immunohistochemical analysis of paraffin-embedded Human bladder carcinoma tissue using ab109026 at a dilution of 1/250.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KIFAP3 antibody [EPR5599] (ab109026)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-KIFAP3 antibody [EPR5599] (ab109026)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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