

Anti-Eg5 (P923) KIF11 Antibody

Catalog Number: A01754-1

About KIF11

Probably involved in connections of major cytoskeletal structures to the plasma membrane. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with PLEKHG6, required for normal macropinocytosis.

Lixin Zhu, Am J Physiol Cell Physiol, Jun 2005; 288: C1242 - C1254.

H.J. Spence, Hum. Mol. Genet., Aug 2004; 13: 1657 - 1668.

Vera Lúcia Bonilha, J. Cell Biol., Dec 1999; 147: 1533.

M Berryman, J. Cell Biol., Dec 1995; 131: 1231.

Overview

Product Name	Anti-Eg5 (P923) KIF11 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Eg5 (P923) KIF11 Antibody catalog # A01754-1. Tested in WB,IHC,IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P52732

Technical Details

Immunogen	Synthesized peptide derived from human Ezrin around the phosphorylation site of Y478.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:500-1:1000 IHC: 1:50-1:200 IF: 1:50-1:200

Anti-Eg5 (P923) KIF11 Antibody (A01754-1) Images

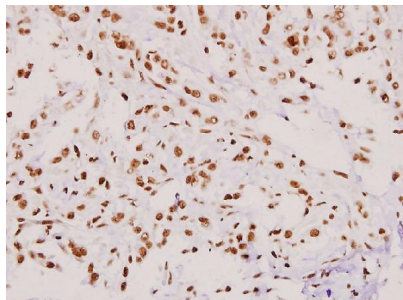


Figure 2. Immunohistochemistry validation of KIF11 using Anti-Eg5 (P923) KIF11 Antibody (A01754-1).

Immunohistochemistry (IHC) analyzes of Eg5 (P923) pAb in paraffin-embedded human breast carcinoma tissue at 1:100. For more protocol information of IHC

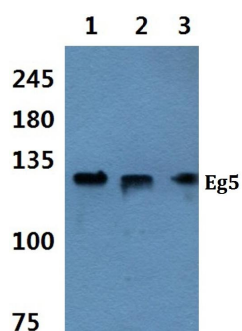


Figure 1. Western blotting validation for Anti-Eg5 (P923) KIF11 Antibody A01754-1

Western blot (WB) analysis of Eg5 (P923) polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:sp2/0 cell lysate

Lane3:PC12 cell lysate

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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