

KIFAP3 Polyclonal Antibody

Catalog No.	A4518	Category	Polyclonal Antibodies
Applications	WB, IP	Observed MW	110kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	82kDa/86kDa/91kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human KIFAP3 (NP_055785.2).
Gene ID	22920
Swiss prot	Q92845
Synonyms	KIFAP3; FLA3; KAP-1; KAP-3; KAP3; SMAP; Smg-GD S; dj190l16.1; kinesin-associated protein 3

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

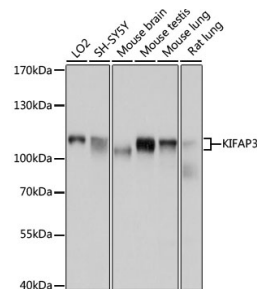
Background

The small G protein GDP dissociation stimulator (smg GDS) is a regulator protein having two activities on a group of small G proteins including the Rho and Rap1 family members and Ki-Ras; one is to stimulate their GDP/GTP exchange reactions, and the other is to inhibit their interactions with membranes. The protein encoded by this gene contains 9 'Armadillo' repeats and interacts with the smg GDS protein through these repeats. This protein, which is highly concentrated around the endoplasmic reticulum, is phosphorylated by v-src, and this phosphorylation reduces the affinity of the protein for smg GDS. It is thought that this protein serves as a linker between human chromosome-associated polypeptide (HCAP) and KIF3A/B, a kinesin superfamily protein in the nucleus, and that it plays a role in the interaction of chromosomes with an ATPase motor protein. Several transcript variants encoding different isoforms have been found for this gene.

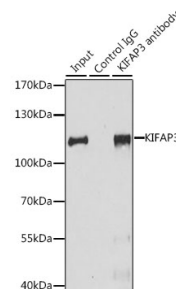
Recommended Dilutions

WB 1:500 -
1:2000

IP 1:50 - 1:100



Western blot - KIFAP3 Polyclonal Antibody (A4518)



Immunoprecipitation - KIFAP3 Polyclonal Antibody (A4518)