

Nur für Forschungszwecke

RANGAP1 Monoklonaler Antikörper

Katalog-Nr.: 67146-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67146-1-Ig	GenBank-Zugangsnummer: BC014044	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 2000 µg/ml von 5905 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: Ran GTPase activating protein 1	CloneNo.: 1F3A4
Wirt: Maus	Berechnete Masse: 64 kDa	Empfohlene Verdünnungen: WB 1:5000-1:20000 IF 1:50-1:200
Isotyp: IgG1	Beobachtete Masse: 64 kDa, 82 kDa	
Immunogen Katalognummer: AG26136		

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB: HeLa-Zellen, 4T1-Zellen, HEK-293-Zellen, Jurkat-Zellen, MCF-7-Zellen, NIH/3T3-Zellen
	IF: HepG2-Zellen,

Hintergrundinformationen

RanGAP1 is a protein that associates with the nuclear pore complex and participates in the regulation of nuclear transport. In mammalian cells, unmodified RanGAP1 is predominantly cytoplasmic, whereas modification by small ubiquitin-related modifier protein (SUMO) targets RanGAP1 to the cytoplasmic filaments of nuclear pore complex (NPC) where it forms a complex with RanBP2 and Ubc9. Phosphorylation of RanGAP1 occurs in a cell-cycle-dependent manner and may play a role in regulating RanGAP1 catalytic activity. We got 64 kDa (cytoplasmic RanGAP1) and 82 kDa (SUMO-1 modified Ran GAP1) in western blotting.

Lagerung

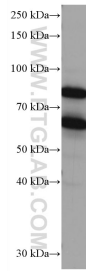
Lagerungsbedingungen:
Bei -20°C lagern.
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

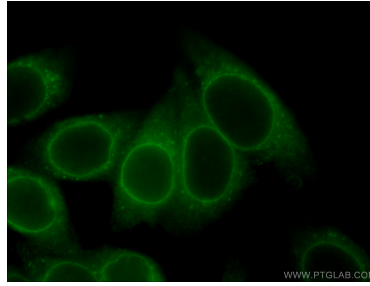
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Ausgewählte Validierungsdaten



HeLa cells were subjected to SDS PAGE followed by western blot with 67146-1-Ig (RANGAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 67146-1-Ig (RANGAP1 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).