

Allgemeine Informationen

Katalog-Nr.: 66650-1-Ig	GenBank-Zugangsnummer: BC027849	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1900 µg/ml von 25780 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: RAS guanyl releasing protein 3 (calcium and DAG-regulated)	CloneNo.: 1A10G4
Wirt: Maus	Berechnete Masse: 690 aa, 78 kDa	Empfohlene Verdünnungen: WB 1:1000-1:3000 IF 1:400-1:1600
Isotyp: IgG2a	Beobachtete Masse: 78 kDa	
Immunogen Katalognummer: AG3810		

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus	WB: Raji-Zellen, HEK-293-Zellen, Jurkat-Zellen, Ramos-Zellen, RAW 264.7-Zellen
	IF: HEK-293-Zellen,

Hintergrundinformationen

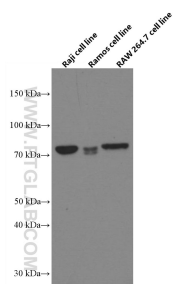
AS guanyl releasing protein 3 (RasGRP3) is a member of the RasGRP family and is able to promote guanine nucleotide exchange of Ha-Ras, R-Ras and Rap1 (PMID: 9582122). RasGRP3 is involved in a diverse range of important biological processes. RasGRP3 has emerged as an important mediator of signaling downstream from receptor coupled phosphoinositide turnover in B and T cells. Overexpression of RasGRP3 is commonly associated with many malignancies, such as pre-B-cell leukemia, Burkitt's lymphoma and natural killer-like T-cell leukemia. Recently, it has been reported that upregulation of RASGRP3 expression in prostate cancer correlates with aggressive capabilities and predicts biochemical recurrence after radical prostatectomy (PMID: 24418912).

Lagerung

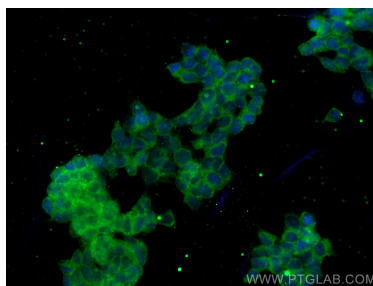
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 66650-1-Ig (RASGRP3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using RASGRP3 antibody (66650-1-Ig, Clone: 1A10G4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).