

Allgemeine Informationen

Katalog-Nr.: 60077-1-Ig	GenBank-Zugangsnummer: BC001485	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2700 µg/ml von5880 Nanodrop und 1500 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)	CloneNo.: 4C2H6 Empfohlene Verdünnungen: WB 1:5000-1:20000 IHC 1:4000-1:16000
Wirt: Maus	Berechnete Masse: 21 kDa	
Isotyp: IgG1	Beobachtete Masse: 21 kDa	
Immunogen Katalognummer: AG1202		

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : Jurkat-Zellen, MCF-7-Zellen, NIH/3T3-Zellen, RAW 264.7-Zellen IHC : humanes Tonsillitisgewebe,
In Publikationen genannte Anwendungen: colP, IF, IHC, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus, Ratte	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

RAC2, also named as GX, belongs to the small GTPase superfamily and Rho family. RAC2 is a plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytosis of apoptotic cells and epithelial cell polarization. RAC2 augments the production of reactive oxygen species (ROS) by NADPH oxidase. Defects in RAC2 are the cause of neutrophil immunodeficiency syndrome.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Alan R Morrison	25180062	J Exp Med	WB
Min Xiong	33992672	Prog Neurobiol	WB
Yuenan Liu	31364727	Int J Oncol	WB,IHC

Lagerung

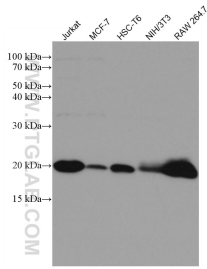
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

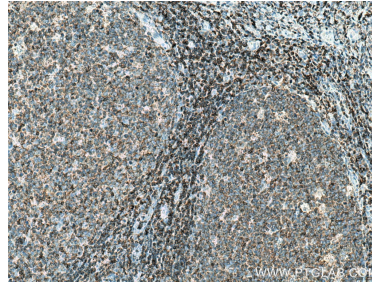
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

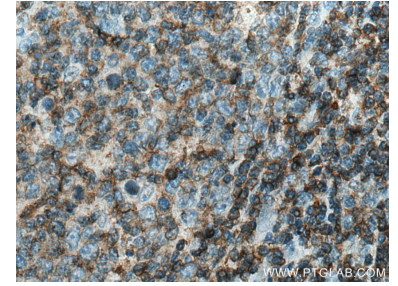
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 60077-1-Ig (RAC2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60077-1-Ig (RAC2 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60077-1-Ig (RAC2 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).