

Septin 2 Monoklonaler Antikörper

Katalog-Nr.: 60075-1-Ig

Vorgestelltes Produkt

13 Publikationen

Allgemeine Informationen

Katalog-Nr.: 60075-1-Ig	GenBank-Zugangsnummer: BC014455	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 4735 Nanodrop;	GeneID (NCBI): septin 2	CloneNo.: 2F3B2
Wirt: Maus	Vollständiger Name: septin 2	Empfohlene Verdünnungen: WB 1:20000-1:100000 IHC 1:50-1:2000 IF 1:20-1:200
Isotyp: IgG1	Berechnete Masse: 41 kDa	
Immunogen Katalognummer: AG1946	Beobachtete Masse: 42-45 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: CoIP, IF, WB	WB: LNCaP-Zellen, 4T1-Zellen, fetales humanes Hirngewebe, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, HSC-T6-Zellen, humanes Hirngewebe, humanes Hodengewebe, Jurkat-Zellen, K-562-Zellen, MCF-7-Zellen, Neuro-2a-Zellen, NIH/3T3-Zellen, ROS1728-Zellen
Getestete Reaktivität: Human, Maus, Ratte	IHC: humanes Nierenzellkarzinomgewebe, humanes Hirngewebe, humanes Leberkarzinomgewebe
Zitierte Arten: Human, Maus	IF: hTERT-RPE-Zellen, K-562-Zellen
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Septin 2, also named as DIFF6, KIAA0158, NEDD5, belongs to the septin family. It is a filament-forming cytoskeletal GTPase. Septin 2 is required for normal organization of the actin cytoskeleton. It plays a role in ciliogenesis and collective cell movements. Septin 2 is coordinated expression with Septin 6 and Septin 7. (PMID:21737677)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Lei Wang	34782749	Cell Res	WB
Damián Lobato-Márquez	29752866	Cytoskeleton (Hoboken)	WB, IF
Oleg V Kim	35832887	iScience	CoIP

Lagerung

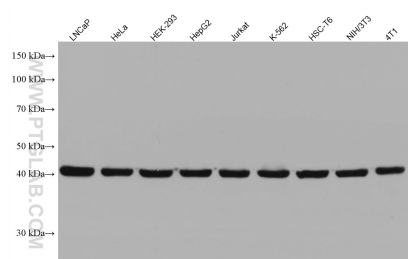
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

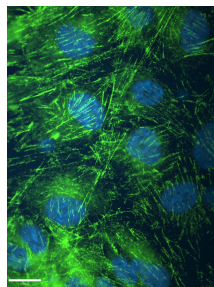
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

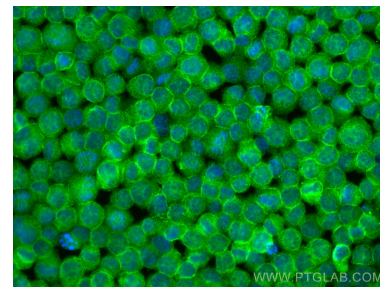
Ausgewählte Validierungsdaten



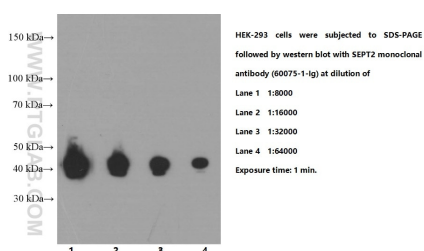
Various lysates were subjected to SDS PAGE followed by western blot with 60075-1-Ig (Septin 2 antibody) at dilution of 1:100000 incubated at room temperature for 1.5 hours.



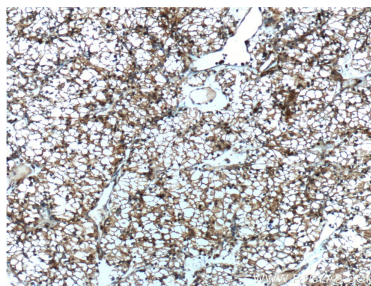
IF result of anti-Septin 2 (60075-1-Ig, 1:1000) with hTERT-RPE cell by Dr. Moshe Kim. Green: Septin 2. Blue: DNA. 1% PFA fixed.



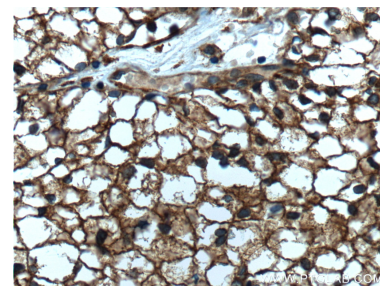
Immunofluorescent analysis of (4% PFA) fixed K-562 cells using Septin 2 antibody (60075-1-Ig, Clone: 2F3B2) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



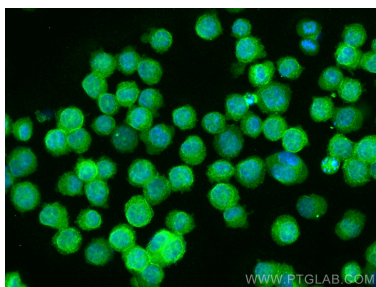
HEK-293 cells were subjected to SDS PAGE followed by western blot with 60075-1-Ig (Septin 2 Antibody) at various dilutions incubated at room temperature for 1.5 hours.



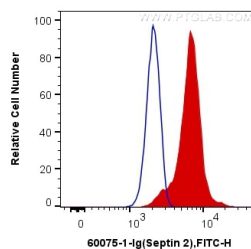
Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 60075-1-Ig (Septin 2 Antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 60075-1-Ig (Septin 2 Antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using Septin 2 antibody (60075-1-Ig, Clone: 2F3B2) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ K-562 cells were intracellularly stained with 0.4 ug Anti-Human Septin 2 (60075-1-Ig, Clone:2F3B2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).