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Datasheet for ABIN7269846
anti-RANGAP1 antibody

7 Images

Overview

Quantity:	100 µL
Target:	RANGAP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RANGAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	RanGAP1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human RanGAP1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	RANGAP1
Alternative Name:	RANGAP1 (RANGAP1 Products)
Background:	This gene encodes a protein that associates with the nuclear pore complex and participates in

Target Details

the regulation of nuclear transport. The encoded protein interacts with Ras-related nuclear protein 1 (RAN) and regulates guanosine triphosphate (GTP)-binding and exchange. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],Fug1, RANGAP, SD,Cell Biology & Developmental Biology,Cell Cycle,Epigenetics & Nuclear Signaling,Nuclear Receptor Signaling,RANGAP1

Molecular Weight: 64,90kDa

Gene ID: 5905

UniProt: [P46060](#)

Pathways: [M Phase](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

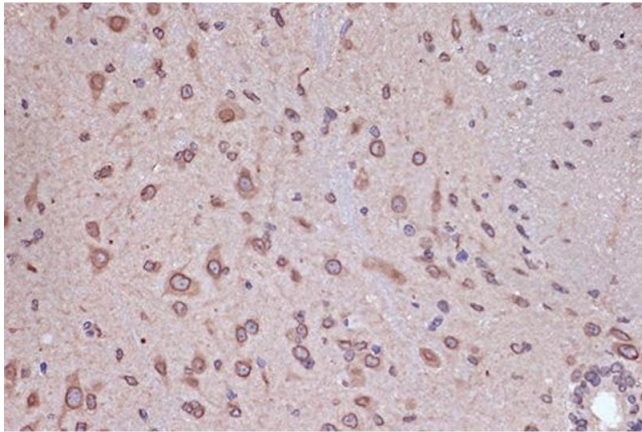
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

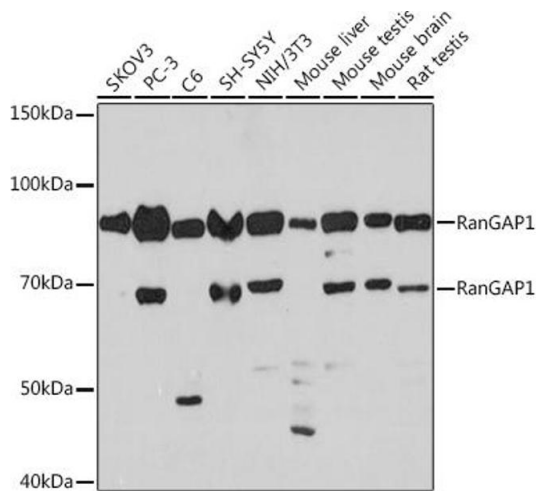
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



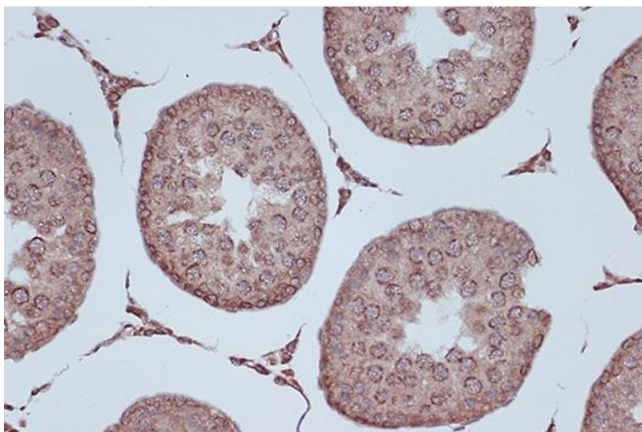
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse spinal cord using RanG Rabbit mAb (ABIN7269846) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using RanG Rabbit mAb (ABIN7269846) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat testis using RanG Rabbit mAb (ABIN7269846) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7269846.