

Datasheet for ABIN7270074

anti-RNF40 antibody

3 Images

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Overview

Quantity:	100 µL
Target:	RNF40
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RNF40 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	RNF40 Rabbit mAb
Immunogen:	A synthesized peptide derived from human RNF40
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	RNF40
Alternative Name:	RNF40 (RNF40 Products)
Background:	The protein encoded by this gene contains a RING finger, a motif known to be involved in

Target Details

protein-protein and protein-DNA interactions. This protein was reported to interact with the tumor suppressor protein RB1. Studies of the rat counterpart suggested that this protein may function as an E3 ubiquitin-protein ligase, and facilitate the ubiquitination and degradation of syntaxin 1, which is an essential component of the neurotransmitter release machinery. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011],BRE1B, RBP95, STARING,Cell Biology & Developmental Biology,Epigenetic writers and erasers of core Histones,Epigenetic writers and erasers of core Histones_Ubiquitination,Epigenetics & Nuclear Signaling,Ubiquitin,RNF40

Molecular Weight: 94kDa/102kDa/113kDa

Gene ID: 9810

UniProt: [075150](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

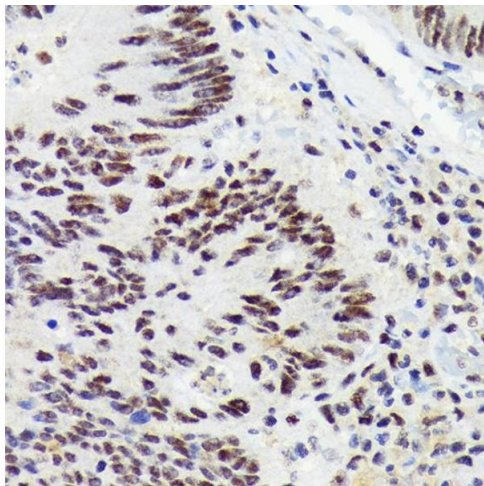
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

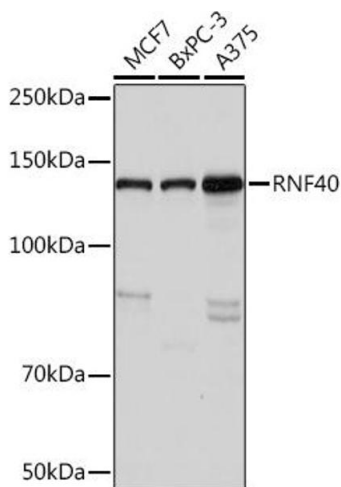
Storage: -20 °C

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



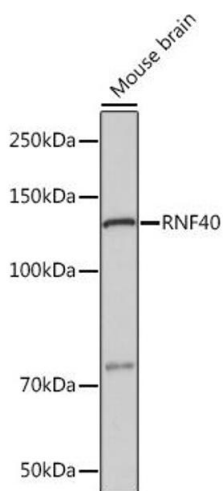
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon carcinoma using RNF40 Rabbit mAb (ABIN7270074) 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 RNF40 Rabbit mAb (ABIN7270074) 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: 3s.



Western Blotting

Image 3. Western blot analysis of extracts of Mouse brain, using RNF40 Rabbit mAb (ABIN7270074) 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: 30s.