Datasheet for ABIN2774720
anti-RNF40 antibody (C-Term)

3 Images

Overview

Quantity:	100 µL
Target:	RNF40
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF40 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human RNF40
Sequence:	KLLREEKDEL GEQVLGLKSQ VDAQLLTVQK LEEKERALQG SLGGVEKELT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against RNF40. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	RNF40

Target Details

Alternative Name:	RNF40 (RNF40 Products)
Background:	RNF40 contains a RING finger, a motif known to be involved in 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.The protein encoded by this gene contains a RING finger, a motif known to be involved in 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. Alias Symbols: BRE1B, DKFZp686K191, KIAA0661, MGC13051, RBP95, STARING Protein Interaction Partner: UBE2A, UBC, SFR1, CCDC146, RNF20, AMOTL2, RNF40, UBE2I, UBE2B, MSL1, MSL2, PAF1, HIST2H2BE, CDK9, MDM2, USP15, HSP90AA1, NOTCH1, UBE2E1, RB1, ITSN1, CDC73, SUMO2, ATM, AR, TERF2, TERF1, WAC, ZNF451, TRIM51, UBE2L6, NCBP1, STX1A, Protein Size: 1001
Molecular Weight:	114 kDa
Gene ID:	9810
NCBI Accession:	NM_014771, NP_055586
UniProt:	O75150

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1001 AA
Restrictions:	For Research Use only

Handling

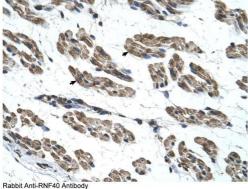|	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

Western Blotting

Image 1. WB Suggested Anti-RNF40 Antibody Titration: 1.25ug/ml Positive Control: 293T cell lysate RNF40 is supported by BioGPS gene expression data to be expressed in HEK293T
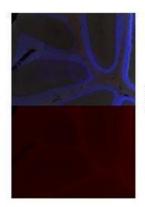

Rabbit Anti-RNF40 Antibody
Catalog Number: ARP43165
Lot Number: QC13603
Paraffin Embeded Tissue: Human Muscle
Cells with Positive label: Skeletal muscle cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Muscle

Images

RNF40

Red : RNF40
Blue: DAPI

See IHC 2 Data and Customer Feedback for more information