

Datasheet for ABIN2774743
anti-RNF43 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	RNF43
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF43 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RNF43
Sequence:	DFDPLVYCSP KGDPQRVDMQ PSVTSRPRSL DSVVPTGETQ VSSHVHYHRH
Predicted Reactivity:	Cow: 86%, Dog: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RNF43. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RNF43
Alternative Name:	RNF43 (RNF43 Products)

Target Details

Background:	RNF43 is a HAP95 (AKAP8L) binding ubiquitin ligase that promotes cell growth and is upregulated in colon cancer. Alias Symbols: DKFZp781H02126, DKFZp781H0392, FLJ20315, MGC125630, RNF124, URCC Protein Interaction Partner: RSP01, SFPQ, NONO, HECW1, TP53, UBE2D4, KDM5B, UBE2E3, UBE2N, UBE2E1, UBE2D3, UBE2D2, UBE2D1, AKAP8L, UBC, Protein Size: 783
Molecular Weight:	86 kDa
Gene ID:	54894
NCBI Accession:	NM_017763 , NP_060233
UniProt:	Q68DV7
Pathways:	WNT Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 783 AA
Restrictions:	For Research Use only

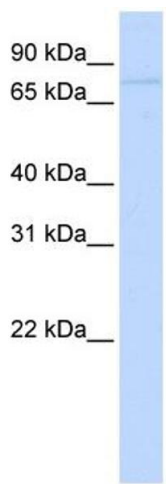
Handling

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

Publications

Product cited in: Bortnik, Choutka, Horlings, Leung, Baker, Lebovitz, Dragowska, Go, Bally, Minchinton, Gelmon, Gorski: "Identification of breast cancer cell subtypes sensitive to ATG4B inhibition." in: **Oncotarget**, Vol. 7, Issue 41, pp. 66970-66988, (2016) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-RNF43 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate RNF43 is supported by BioGPS gene expression data to be expressed in MCF7