Datasheet for ABIN7151192

anti-RNF34 antibody (AA 1-220)

2 Images

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Overview

Quantity:	100 µL
Target:	RNF34
Binding Specificity:	AA 1-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF34 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase RNF34 protein (1-220AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	RNF34
Alternative Name:	RNF34 (RNF34 Products)
Background:	Background: E3 ubiquitin-protein ligase that regulates several biological processes through the ubiquitin-mediated proteasomal degradation of various target proteins. Ubiquitinates the

Target Details

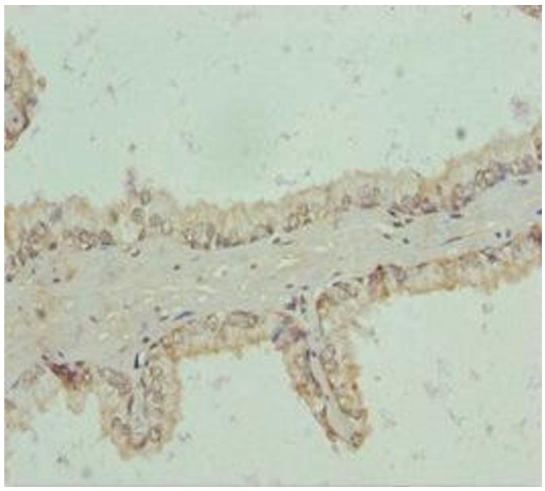
	caspases CASP8 and CASP10, promoting their proteasomal degradation, to negatively regulate cell death downstream of death domain receptors in the extrinsic pathway of apoptosis (PubMed:15069192). May mediate \\\'Lys-48\\\'-linked polyubiquitination of RIPK1 and its subsequent proteasomal degradation thereby indirectly regulating the tumor necrosis factor-mediated signaling pathway (Ref.13). Negatively regulates p53/TP53 through its direct ubiquitination and targeting to proteasomal degradation (PubMed:17121812). Indirectly, may also negatively regulate p53/TP53 through ubiquitination and degradation of SFN (PubMed:18382127). Mediates PPARGC1A proteasomal degradation probably through ubiquitination thereby indirectly regulating the metabolism of brown fat cells (PubMed:22064484). Possibly involved in innate immunity, through \\\'Lys-48\\\'-linked polyubiquitination of NOD1 and its subsequent proteasomal degradation (PubMed:25012219). Aliases: CARP 1 antibody, CARP-1 antibody, CARP1 antibody, Caspase regulator CARP1 antibody, Caspases-8 and -10-associated RING finger protein 1 antibody, E3 ubiquitin-protein ligase RNF34 antibody, FYVE-RING finger protein Momo antibody, hRFI antibody, Human RING finger homologous to inhibitor of apoptosis protein antibody, RFI antibody, RIF antibody, RIFF antibody, RING finger protein 34 antibody, RING finger protein RIFF antibody, RNF34 antibody, RNF34_HUMAN antibody
UniProt:	Q969K3

Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only

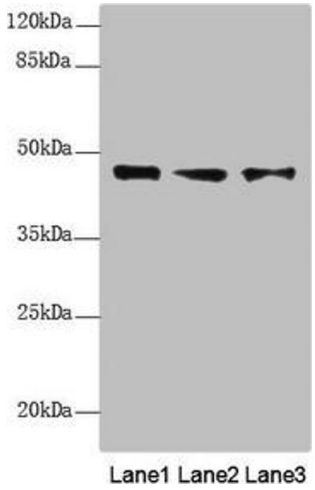
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7151192 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: RNF34 antibody at 1.18 µg/mL Lane 1: LO2 whole cell lysate Lane 2: U251 whole cell lysate Lane 3: Hela whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 42 kDa Observed band size: 42 kDa

