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Datasheet for ABIN7270051 anti-RING1 antibody

3 Images



Overview

Quantity:	100 µL
Target:	RING1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This RING1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

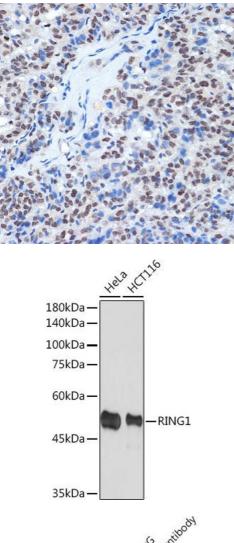
Purpose:	RING1A Rabbit mAb
Immunogen:	A synthesized peptide derived from human RING1A A
Isotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

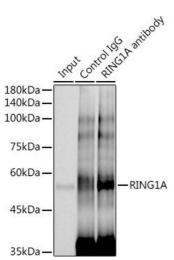
Target Details

Target:	RING1
Alternative Name:	RING1 (RING1 Products)
Background:	This gene belongs to the RING finger family, members of which encode proteins characterized

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	by a RING domain, a zinc-binding motif related to the zinc finger domain. The gene product can
	bind DNA and can act as a transcriptional repressor. It is associated with the multimeric
	polycomb group protein complex. The gene product interacts with the polycomb group proteins
	BMI1, EDR1, and CBX4, and colocalizes with these proteins in large nuclear domains. It
	interacts with the CBX4 protein via its glycine-rich C-terminal domain. The gene maps to the
	HLA class II region, where it is contiguous with the RING finger genes FABGL and HKE4.
	[provided by RefSeq, Jul 2008],RING1A, RNF1,Chromatin Remodeling,Epigenetic writers and
	erasers of core Histones,Epigenetic writers and erasers of core
	Histones_Ubiquitination,Epigenetics & Nuclear Signaling,RING1
Molecular Weight:	50kDa
Gene ID:	6015
UniProt:	Q06587
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IP,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 thyroid cancer using RING1A Rabbit mAb (ABIN7270051) 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 RING1A Rabbit mAb (ABIN7270051) 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: 90s.

Immunoprecipitation

Image 3. Immunoprecipitation analysis of 300 μ g extracts of HeLa cells using 3 μ g RING1A antibody (ABIN7270051). Western blot was performed from the immunoprecipitate using RING1A antibody (ABIN7270051) at a dilition of 1:1000.

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