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Product datasheet for TA809296AM

RING1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI11G7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI11G7
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 88-362 of human RING1(NP_002922) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42.2 kDa
Gene Name:	ring finger protein 1
Database Link:	NP_002922 Entrez Gene 19763 MouseEntrez Gene 309626 RatEntrez Gene 6015 Human Q06587

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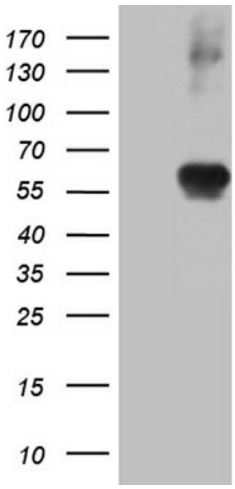
Background: This gene belongs to the RING finger family, members of which encode proteins characterized by a RING domain, a zinc-binding motif related to the zinc finger domain. The gene product can bind DNA and can act as a transcriptional repressor. It is associated with the multimeric polycomb group 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]

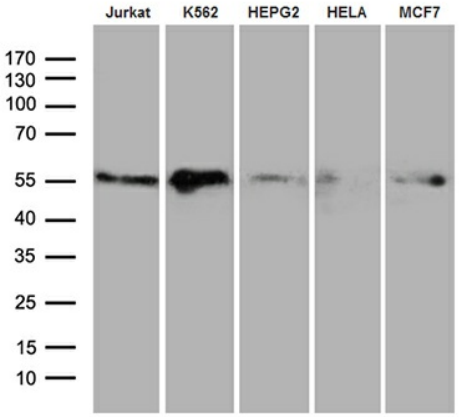
Synonyms: RING1A; RNF1

Protein Families: Druggable Genome, Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RING1 ([RC202650], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RING1. Positive lysates [LY401023] (100ug) and [LC401023] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 5 cell lines by using anti-RING1 monoclonal antibody (1:500).

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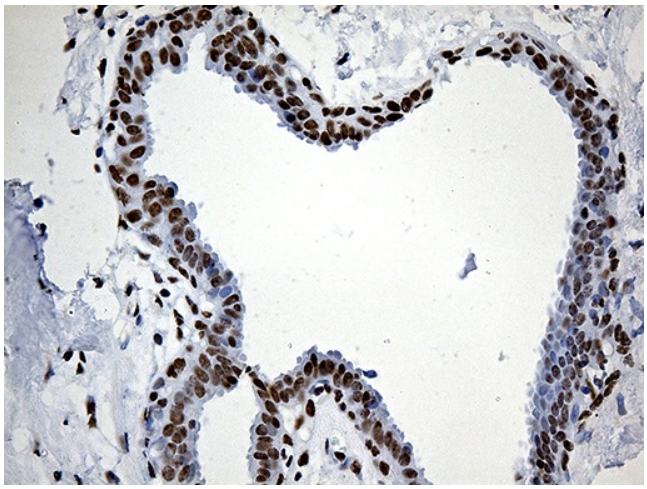
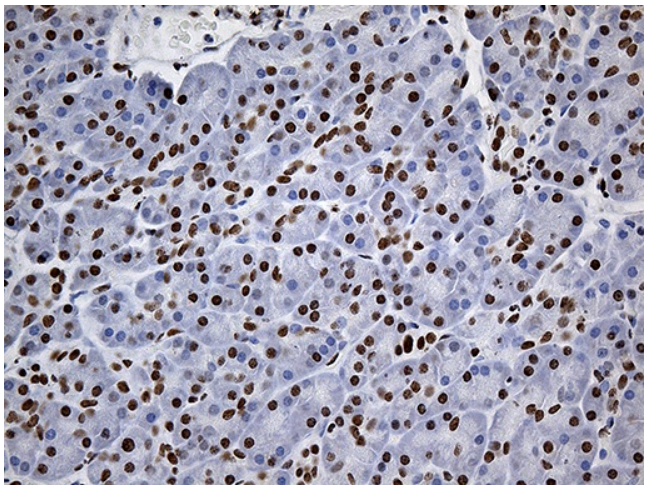
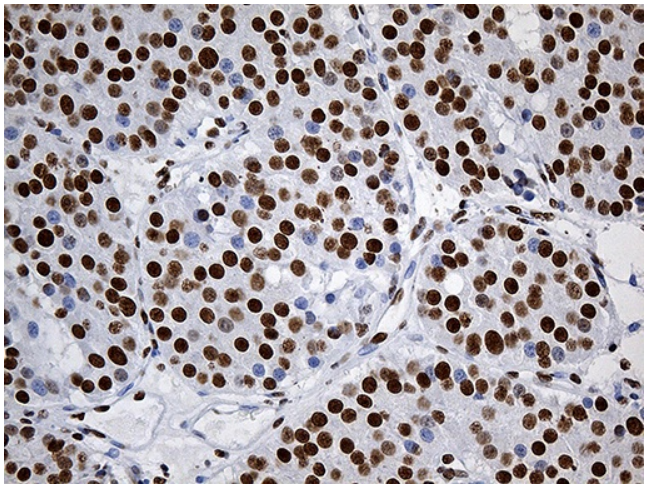


Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-RING1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809296]) (1:2000)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-RING1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809296]) (1:2000)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-RING1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809296]) (1:2000)

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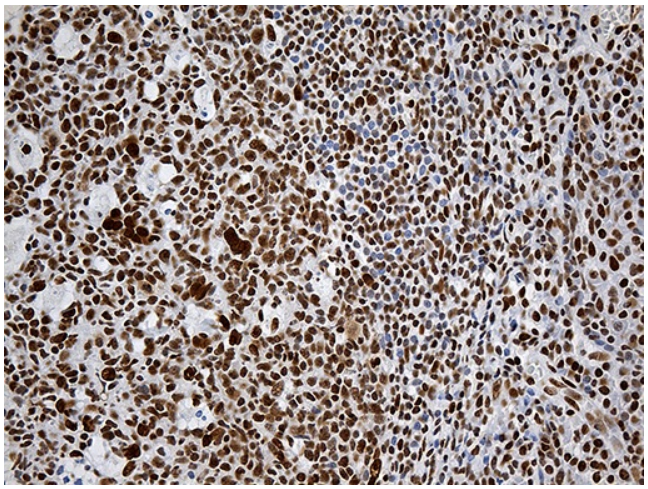
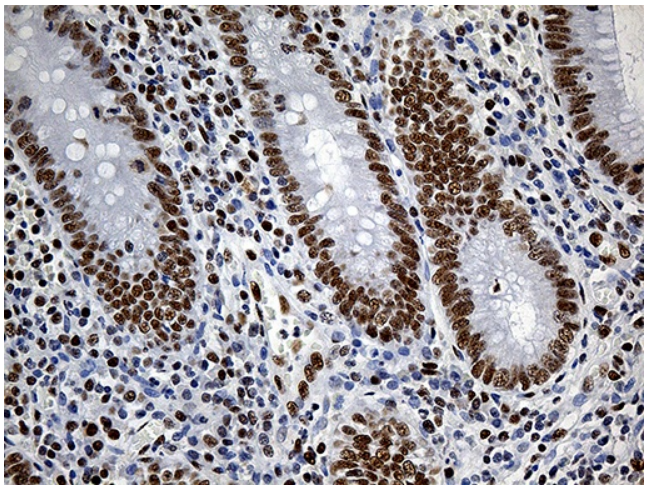


Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-RING1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809296]) (1:2000)



Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-RING1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA809296]) (1:2000)

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