

Anti-RNF20 Rabbit pAb



WLR0093

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-RNF20 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:500
Cellular localization	Nucleus	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	RNF20, also named as E3 ubiquitin-protein ligase BRE1A, belongs to the BRE1 family. This human gene is an E3 ubiquitin ligase that regulates chromosome structure by monoubiquitinating histone H2B. RNF20 is required for transcriptional activation of Hox genes and recruited to the MDM2 promoter, probably by being recruited by p53/TP53, and thereby acts as a transcriptional coactivator. RNF20/40 complex monoubiquitinates and stabilizes Eg5. Loss of RNF20/40 results in spindle assembly defects, cell cycle arrest and apoptosis.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of RNF20.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

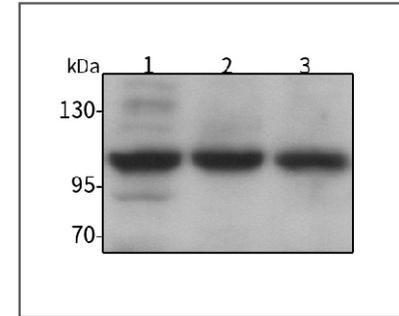
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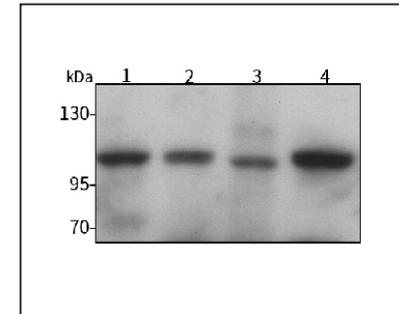
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Product Images



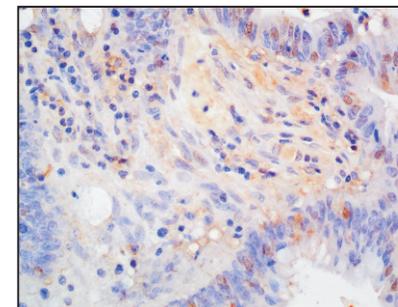
Western blot-Anti-RNF20 pAb

Lane 1: Human HeLa cell lysate
 Lane 2: Human MCF-7 cell lysate
 Lane 3: Human HEK-293 cell lysate
 All lanes: Anti-RNF20 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 114 kDa
 Observed band size: 114 kDa



Western blot-Anti-RNF20 pAb

Lane 1: Mouse lung tissue lysate
 Lane 2: Mouse colon tissue lysate
 Lane 3: Rat small intestine tissue lysate
 Lane 4: Rat stomach tissue lysate
 All lanes: Anti-RNF20 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 114 kDa
 Observed band size: 114 kDa



Immunohistochemistry-Anti-RNF20 pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-RNF20 Rabbit Antibody at 1:500 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

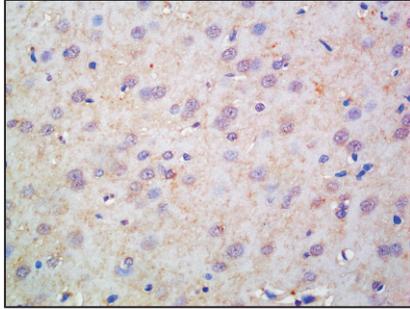
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Immunohistochemistry-Anti-RNF20 pAb

Immunohistochemical analysis of paraffin-embedded rat brain using anti-RNF20 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0