

RNF41 Polyclonal Antibody

Catalog NumberPA5-30362

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 47 and 232 of Human RNF41	Immunocytochemistry (ICC/IF)	1:100-1:1,000
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	0.99 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431. Predicted reactivity: Mouse (99%), Rat (99%), Zebrafish (91%), Xenopus laevis (95%), Rhesus Monkey (100%), Bovine (100%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. Nrdp1, also known as RNF41 (RING finger protein 41), SBBI03 or FLRF, is a 317 amino acid protein that contains one RING-type zinc finger and one SIAH-type zinc finger. Expressed in testis, ovary and prostate, Nrdp1 functions as an E3 ubiquitin-protein ligase that, characteristic of E3 ligase proteins, accepts ubiquitin (in the form of a thioester) from an E2 ubiquitin-conjugating enzyme and transfers that ubiquitin residue to substrates targeted for degradation. Specifically, Nrdp1 interacts with ErbB-3 and UBPY, thereby targeting them for proteasomal degradation.

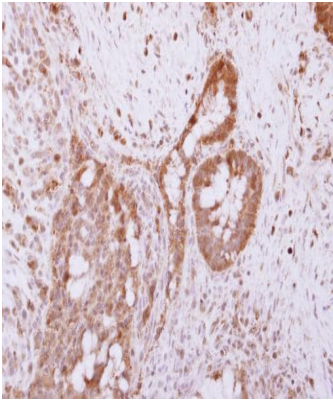
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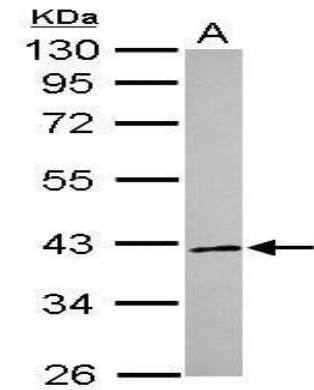
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Product Images For RNF41 Polyclonal Antibody



RNF41 Antibody (PA5-30362) in IHC (P)

RNF41 Polyclonal Antibody detects RNF41 protein at cytosol on human colon carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human colon carcinoma. RNF41 Polyclonal Antibody (Product # PA5-30362) dilution: 1:250. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



RNF41 Antibody (PA5-30362) in WB

Western Blot using RNF41 Polyclonal Antibody (Product # PA5-30362). Sample (30 µg of whole cell lysate). Lane A: A431. 10% SDS PAGE. RNF41 Polyclonal Antibody (Product # PA5-30362) diluted at 1:3,000.

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