

RNF144A Polyclonal Antibody

Catalog NumberPA5-36451

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Published species	Human
Class	Polyclonal	Tested Applications	Dilution *
Type	Antibody	Western Blot (WB)	1:500-1:1,000
Immunogen	Synthetic peptide corresponding to amino acids 150-200 of human UBCE7IP4	Published Applications	
Conjugate	Unconjugated	Western Blot (WB)	See 1 publications below
Form	Liquid	* 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.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7.2		
Contains	0.05% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody detects endogenous protein at a molecular weight of 30 kDa. Purity is >95% by SDS-PAGE.

Background/Target Information

UBCE7IP4 (Ubiquitin-conjugating enzyme 7- interacting protein 4), also known as RNF144A (RING finger protein 144A), KIAA0161 or RNF144, is a 292 amino acid single-pass membrane protein that contains one RING-type zinc finger and two IBR-type zinc fingers. Functioning as an E3 ubiquitin-protein ligase, UBCE7IP4 accepts ubiquitin (in the form of a thioester) from E2 ubiquitin-conjugating enzymes, such as UBC8 and UBCH7, and transfers that ubiquitin residue to target substrates. Via its RING finger, UBCE7IP4 may play a role in protein-DNA and protein-protein interactions throughout the cell.

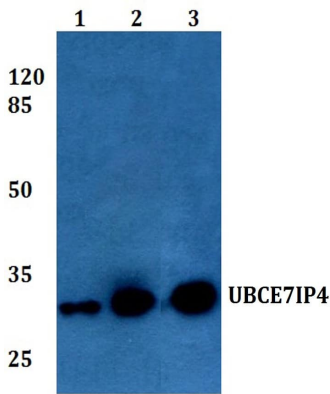
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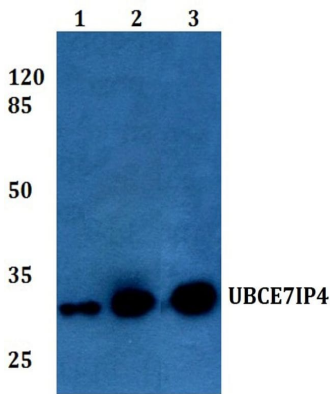
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Product Images For RNF144A Polyclonal Antibody



**RNF144A Antibody (PA5-36451) in WB**  
Western blot analysis of RNF144A in Lane 1: HEK293T whole cell lysate, Lane 2: Raw264.7 whole cell lysate, Lane 3: H9C2 whole cell lysate. Samples were incubated with RNF144A polyclonal antibody (Product # PA5-36451) at a dilution of 1:500.



**RNF144A Antibody (PA5-36451) in WB**  
Western blot analysis of UBCE7IP4 using UBCE7IP4 polyclonal antibody (Product # PA5-36451) at a dilution of 1:500. Lane 1: HEK293T whole cell lysate, Lane 2: Raw264.7 whole cell lysate, Lane 3: H9C2 whole cell lysate.

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PubMed References For RNF144A Polyclonal Antibody

1 Western Blot References

Species / Dilution	Summary
Human / 1:200	<p>PA5-36451 was used in Western Blot to investigate if vaccinia-related kinase 3 protects cells by suppressing oxidative stress-induced ERK, and if RNF144a sensitively regulates this process.</p> <p>Journal of cell science ( 2020; 133: )</p> <p><b>"RNF144a induces ERK-dependent cell death under oxidative stress via downregulation of vaccinia-related kinase 3."</b></p> <p>Author(s):Han SH,Kim KT</p> <p>PubMed Article URL:<a href="http://dx.doi.org/10.1242/jcs.247304">http://dx.doi.org/10.1242/jcs.247304</a></p>

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