

UBA2 Polyclonal Antibody

Catalog NumberPA5-27744

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	1:500-1:3,000
Type	Antibody	Immunocytochemistry (ICC/IF)	1:100-1:1,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 4 and 216 of Human UBA2	* 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.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.3 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 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: HeLa. Predicted reactivity: Mouse (96%), Rat (96%), Zebrafish (90%), Xenopus laevis (89%), Chicken (96%), Bovine (100%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

UBA2 is involved in covalent attachment of one protein to another is one of the more prominent posttranslational modifications in respect to size and ubiquity. Ubiquitin is the most familiar of the protein modifiers and its activation and transfer to target proteins has been studied extensively. Recently, a new group of ubiquitin-like proteins has been receiving a lot of attention. SUMO, or Sentrin, is one of the most intriguing. SUMO has been implicated in the stabilization of target proteins and/or their localization to sub-cellular complexes.The conjugation of SUMO-1, SUMO-2 and SUMO-3 onto target proteins requires the concerted action of the specific E1-activating enzyme SAE1/SAE2, the E2-conjugating enzyme Ubc9, and an E3-like SUMO ligase.

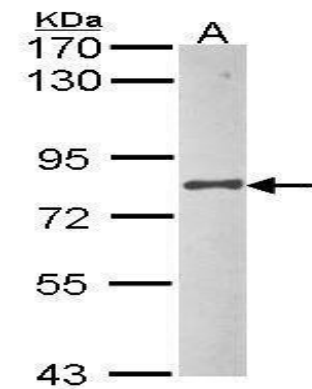
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Product Images For UBA2 Polyclonal Antibody



**UBA2 Antibody (PA5-27744) in WB**  
Western Blot using UBA2 Polyclonal Antibody (Product # PA5-27744). Sample (30 µg of whole cell lysate). Lane A: Hela . 7.5% SDS PAGE. UBA2 antibody . UBA2 Polyclonal Antibody (Product # PA5-27744) diluted at 1:1,000.

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