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anti-UBE2I antibody (AA 1-30)



Images



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Background:

Quantity:	0.4 mL
Target:	UBE2I
Binding Specificity:	AA 1-30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2I antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	A portion of amino acids 1-30 from the human protein was used as the immunogen for this
	UBC9 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Chicken, Zebrafish, Xenopus
Purification:	Purified
Target Details	
Target:	UBE2I
Alternative Name:	UBC9 (UBE2I Products)

UBE2I (Ubc9) is a member of the E2 family and is specific for the conjugation of SUMO to a

variety of target proteins. SUMO conjugation to target proteins is mediated by a different, but analogous, pathway to ubiquitinylation. This E2 is unusual in that it interacts directly with protein substrates that are modified by sumoylation, and may play a role in substrate recognition. UBE2I can mediate the conjugation of SUMO-1 to a variety of proteins including RanGAP1, I?B?, and PML without the requirement of an E3 ligase. UBE2I is essential for nuclear architecture and chromosome segregation.

UniProt: P63279

Pathways: Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid

Hormone Receptor Signaling, Ubiquitin Proteasome Pathway

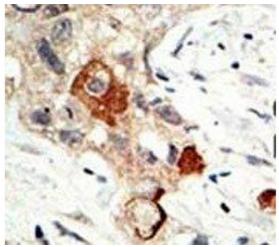
Application Details

Application Notes:	Titration of the UBC9 antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100	

Restrictions: For Research Use only

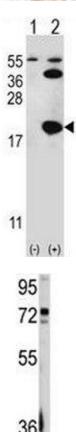
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the UBC9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC analysis of FFPE human breast carcinoma tissue stained with the UBE2I antibody



Western Blotting

Image 2. Western blot analysis of UBE2I antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the UBE2I gene.

Western Blotting

Image 3. Western blot analysis of UBE2I antibody and A2058 lysate.

Please check the product details page for more images. Overall 5 images are available for ABIN3029438.