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Datasheet for ABIN3030112 anti-PUMA antibody (AA 119-154)

6 Images



Overview

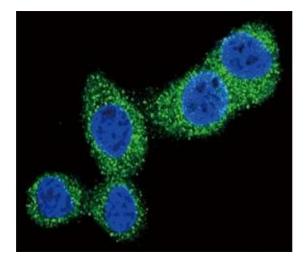
Quantity:	0.4 mL
Target:	PUMA (BBC3)
Binding Specificity:	AA 119-154
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PUMA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 119-154 (BH3 domain) from the human protein was used as the immunogen for this Puma antibody.
lsotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Purified
Target Details	
Target:	PUMA (BBC3)
Alternative Name:	Puma (BBC3 Products)

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Target Details		
Background:	PUMA is one of the pro-apoptotic Bcl-2 family members including Bax and Noxa, which are also transcriptional targets of p53. The PUMA gene encodes two BH3 domain-containing proteins termed PUMA-a and PUMA-b. PUMA proteins bind Bcl-2, localize to the mitochondria, and induce cytochrome c release and apoptosis in response to p53. PUMA may be a direct mediator of p53-induced apoptosis.	
UniProt:	Q9BXH1	
Pathways:	p53 Signaling, Positive Regulation of Endopeptidase Activity	
Application Details		
Application Notes:	Titration of the Puma antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50	
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 Puma antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.	



250

150

100

75

50

37

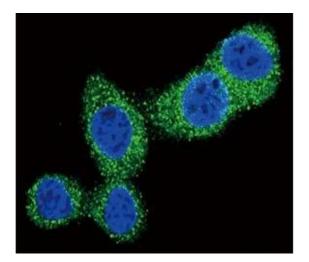
25 15

Immunofluorescence

Image 1. Confocal immunofluorescent analysis of Puma antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

Western Blotting

Image 2. Western blot analysis of Puma antibody and HL-60 cell lysate. Predicted molecular weight ~ 22 kDa.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of Puma antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

Please check the product details page for more images. Overall 6 images are available for ABIN3030112.

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