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

6 Images



Overview

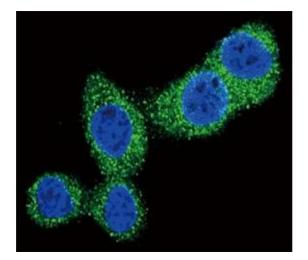
| Quantity: | 0.4 mL |
|----------------------|--|
| Target: | PUMA (BBC3) |
| Binding Specificity: | AA 119-154 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PUMA antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry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

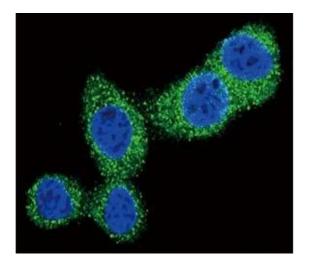
25 15

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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