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PUMA/bbc3 Antibody
Purified Rabbit Polyclonal Antibody
Catalog # ABV11526

Specification

PUMA/bbc3 Antibody - Product Information

Application	**WB**
Primary Accession	Q9BXH1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**20532**

PUMA/bbc3 Antibody - Additional Information

Gene ID 27113

Other Names
JFY1; PUMA; FLJ42994; BBC3

Target/Specificity
PUMA

Formulation
100 µg (0.5 mg/ml) affinity purified rabbit anti-PUMA polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Background Descriptions

Precautions
PUMA/bbc3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PUMA/bbc3 Antibody - Protein Information

Name BBC3

Synonyms PUMA

Function
Essential mediator of p53/TP53-dependent and p53/TP53- independent apoptosis (PubMed:11463391, PubMed:23340338). Promotes

partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53, releasing the bound p53/TP53 to induce apoptosis (PubMed:23340338). Regulates ER stress-induced neuronal apoptosis (By similarity).

Cellular Location
Mitochondrion Note=Localized to the mitochondria in order to induce cytochrome c release

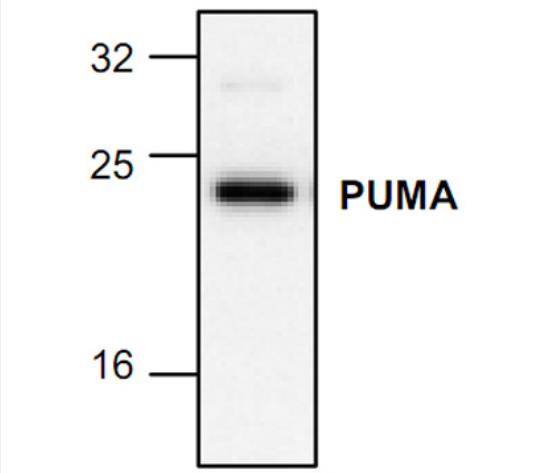
Tissue Location
Ubiquitously expressed.

PUMA/bbc3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PUMA/bbc3 Antibody - Images



PUMA/bbc3 Antibody - Background

PUMA (p53 upregulated modulator of apoptosis) is one of the pro-apoptotic Bcl-2 family members which are also transcriptional targets of p53. PUMA gene encodes two BH3 domain-containing proteins termed PUMA-α and PUMA-β. 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.