

Rabbit anti-Human, Mouse PUMA Polyclonal Antibody | anti-PUMA antibody

PUMA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29955	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

PUMA; Polyclonal Antibody; PUMA Antibody; BBC 3 antibody; Bbc3 antibody; BBC3_HUMAN antibody; BCL 2 binding component 3 antibody; Bcl-2-binding component 3 antibody; BCL2 binding component 3 antibody; JFY 1 antibody; JFY-1 antibody; JFY1 antibody; p53 up regulated modulator of apoptosis antibody; p53 up-regulated modulator of apoptosis antibody; p53 Upregulated Modulator of Apoptosis antibody; PUMA alpha antibody; PUMA/JFY1 antibody; anti-PUMA antibody

PRODUCT SPECIFICATIONS

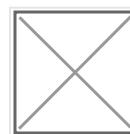
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PUMA antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:1000 IHC: 1:200 ICC: 1:200 FC:1:100
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



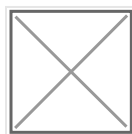
FCM (Flow Cytometry)

Flow cytometric analysis of Jurkat cells with PUMA antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti rabbit IgG (FITC) was used as the secondary antibody.



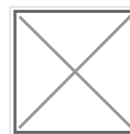
ICC (Immunocytochemistry)

ICC staining PUMA in Lovo cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining PUMA in Hela cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

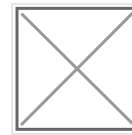


ICC (Immunocytochemistry)

ICC staining PUMA in SKOV-3 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-PUMA antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-PUMA antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-PUMA antibody	The expression of PUMA is regulated by the tumor suppressor p53. PUMA is involved in p53-dependent and -independent apoptosis induced by a variety of signals, and is regulated by transcription factors, not by post-translational modifications. After activation, PUMA interacts with antiapoptotic Bcl-2 family members, thus freeing Bax and/or Bak which are then able to signal apoptosis to the mitochondria. Following mitochondrial dysfunction, the caspase cascade is activated ultimately leading to cell death. Several studies have shown that PUMA function is affected or absent in cancer cells. Additionally, many human tumors contain p53 mutations, which results in no induction of PUMA, even after DNA damage induced through irradiation or chemotherapy drugs. Other cancers, which exhibit overexpression of antiapoptotic Bcl-2 family proteins, counteract and overpower PUMA-induced apoptosis.
Product Categories/Family for anti-PUMA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	56748610
NCBI GeneID	27113
UniProt Accession #	Q9BXH1; O00171; Q96PG9; B9EGI3; Q96PG8
Molecular Weight	193
NCBI Official Full Name	Bcl-2-binding component 3
NCBI Official Synonym Full Names	BCL2 binding component 3
NCBI Official Symbol	BBC3
NCBI Official Synonym Symbols	JFY1; PUMA; JFY-1
NCBI Protein Information	bcl-2-binding component 3; p53 up-regulated modulator of apoptosis
UniProt Protein Name	Bcl-2-binding component 3
UniProt Gene Name	BBC3
UniProt Synonym Gene Names	PUMA
UniProt Entry Name	BBC3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/puma-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29955>