

Rabbit PUMA Polyclonal Antibody | anti-PUMA antibody

PUMA Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281745	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

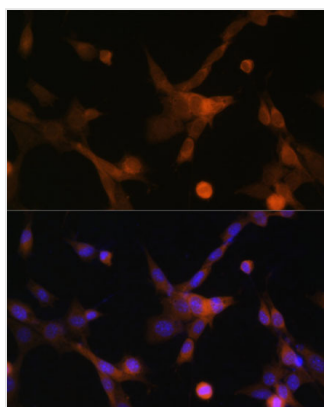
PRODUCT SYNONYMS

PUMA; Polyclonal Antibody; PUMA Rabbit pAb; BBC3; JFY-1; JFY1; anti-PUMA antibody

PRODUCT SPECIFICATIONS

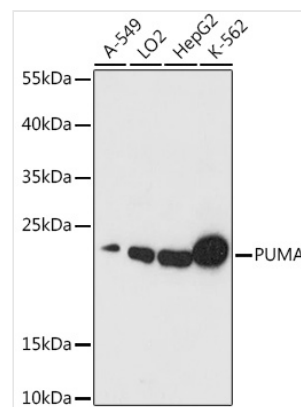
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	PGALAGGPTQ AAPGVRGEEE QWAREIGAQL RRMADDLNAQ YERRRRQEEQQ RHRPSPWRVL YNLIMGLLPL PRGHRAPEME PN
Applicable Applications for anti-PUMA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50 to the C-terminus of human PUMA (NP_001120713.1).
Cellular Location	Mitochondrion
Positive Samples	A-549, LO2, HepG2, K562
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using PUMA Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PUMA antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-PUMA antibody	Background: This gene encodes a member of the BCL-2 family of proteins. This family member belongs to the BH3-only pro-apoptotic subclass. The protein cooperates with direct activator proteins to induce mitochondrial outer membrane permeabilization and apoptosis. It can bind to anti-apoptotic Bcl-2 family members to induce mitochondrial dysfunction and caspase activation. Because of its pro-apoptotic role, this gene is a potential drug target for cancer therapy and for tissue injury. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-PUMA antibody	Cell Biology & Developmental Biology; Apoptosis; Mitochondrial Control of Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	15193488
NCBI GeneID	27113
NCBI Accession #	NP_055232
NCBI GenBank Nucleotide #	NM_014417.4
UniProt Accession #	Q96PG8; Q9BXH1
Molecular Weight	23 kDa
NCBI Official Full Name	bcl-2-binding component 3 isoform 4
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://www.aaabiotech.com/polyclonal/puma-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281745>