BioVision

PUMA Polyclonal Antibody

CATALOG NO: 3339R-30T   30 µg (Trial size)
                        3339R-100   100 µg

HOST: Rabbit

IMMUNOGEN: Synthetic peptide surrounding amino acid 177 of human
                        PUMA (Internal ID# BV-D65)

SPECIES REACTIVITY: Human, Mouse, Rat

FORMULATION:
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.

STORAGE CONDITIONS:
Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

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.

SPECIFICITY:
The antibody detects ~25 kDa (193 a.a.) PUMA alpha and ~16 kDa (131 a.a.) PUMA beta in samples from human, mouse and rat origins.

APPLICATION AND USAGE:
The antibody can be used for Western blotting (0.5-4 µg/ml) and Immunohistochemistry (5 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3339RBP-50) is also available separately.
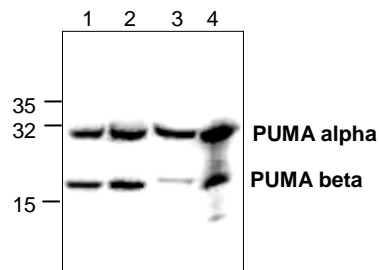
Cat. #: 3339R-100
Western blot analysis of PUMA in Lysates from Jurkat cells (Lane 1& 2), 3T3 cells (Lane 3) and rat kidney (Lane 4).

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- PUMA/bbc3 Antibody **(Cat. No. 3339-100)**
- PUMA/bbc3 Blocking Peptide **(Cat. No. 3339RBP-50)**
- Bcl-2 Inhibitor, ABT-199 **(Cat. No. 2253-1, 5)**
- Bcl-2 Inhibitor, GX15-070 **(Cat. No. 2040-5)**
- Bcl-2 Antibody **(Cat. No. 3033-100)**
- Bcl-2 Antibody (clone Bcl-2/100) **(Cat. No. 3033BP-50)**
- Bcl-2 Blocking Peptide **(Cat. No. 3033-100)**
- ABT-737 **(Cat. No. 2463-5, 25)**
- AT-101 **(Cat. No. 2380-5, 25)**
- Bcl-B Antibody **(Cat. No. 3695-100)**
- Bcl-Rambo Antibody **(Cat. No. 3671-100)**
- Bcl-xL Antibody **(Cat. No. 3312-100)**

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