

# **PUMA Polyclonal Antibody**

Catalog # AP72090

### **Product Information**

**Application** WB, IF, ICC, E **Primary Accession** <u>Q9BXH1</u>

**Reactivity** Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW20532

#### **Additional Information**

**Gene ID** 27113

Other Names BBC3; PUMA; Bcl-2-binding component 3; JFY-1; p53 up-regulated modulator

of apoptosis

**Dilution** WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other

applications. IF~~1:50~200 ICC~~N/A E~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

#### **Protein Information**

Name BBC3

**Synonyms** PUMA

**Function** Essential mediator of p53/TP53-dependent and p53/TP53- independent

apoptosis (PubMed:<u>11463391</u>, PubMed:<u>23340338</u>). 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

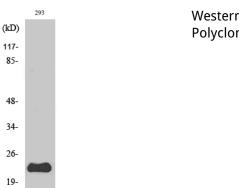
**Tissue Location** Ubiquitously expressed.

## **Background**

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

Functions by promoting partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53. Regulates ER stress-induced neuronal apoptosis (PubMed: 23340338).

## **Images**



Western Blot analysis of various cells using PUMA Polyclonal Antibody

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