

PUMA antibody

Catalog No.:	15-288-22199F
Quantity:	0.1 mg
Background:	Apoptosis is related to many diseases and development. The p53 tumor-suppressor protein induces apoptosis through transcriptional activation of several genes. A novel p53 inducible pro-apoptotic gene was identified recently and designated PUMA (for p53 upregulated modulator of apoptosis) and bbc3 (for Bcl-2 binding component 3) in human and mouse (1-3). PUMA/bbc3 is one of the pro-apoptotic Bcl-2 family members including Bax and Noxa, which are also transcriptional targets of p53. The PUMA gene encodes two BH3 domain-containing proteins termed PUMA-a and PUMA-b (1). 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.
Host / Isotype:	Chicken
Immunogen:	Synthetic peptide (PLPRGHRAPEMEPN) corresponding to amino acids 180 to 193 of human PUMA-a (1).
Format:	Purification: Immunogen affinity purified Buffer System: PBS with 0.02% sodium azide
Applications:	WB Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Cross-reacts with Human and Mouse. Not yet tested in other species.
Storage:	Upon receipt - Keep as concentrated solution. Aliquot and store at -20

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com