

For Research Use Only

# Phospho-XIAP (Ser87) Polyclonal antibody



Catalog Number: 28791-1-AP

## Basic Information

<b>Catalog Number:</b> 28791-1-AP	<b>GenBank Accession Number:</b> BC032729	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 255 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 331	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>Full Name:</b> X-Linked inhibitor of apoptosis	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 60 kDa	
	<b>Observed MW:</b> 57 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : PDGF treated NIH/3T3 cells,
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

XIAP, also named as API3, BIRC4 and IAP3, belongs to the IAP family. It has E3 ubiquitin-protein ligase activity. It mediates the proteasomal degradation of target proteins, such as caspase-3, SMAC or AIFM1. XIAP is an inhibitor of caspase-3, -7 and -9. It mediates activation of MAP3K7/TAK1, leading to the activation of NF-kappa-B. XIAP is an apoptotic suppressor. It is ubiquitinated and degraded by the proteasome in apoptotic cells. XIAP is directly phosphorylated by PKC and that XIAP phosphorylated at Ser87 by PKC is resistant to degradation, protecting cells from apoptosis-inducing stress.

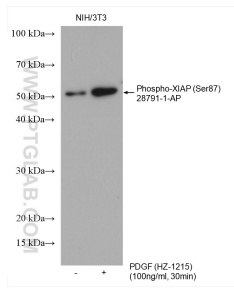
## Storage

**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Non-treated NIH/3T3 and PDGF (HZ-1215) treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 28791-1-AP (Phospho-IAP (Ser87) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.