

For Research Use Only

Phospho-XIAP (Ser87) Polyclonal antibody

Catalog Number: 28791-1-AP



Basic Information

Catalog Number:

28791-1-AP

Size:

100ul, Concentration: 255 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC032729

GeneID (NCBI):

331

UNIPROT ID:

P98170

Full Name:

X-linked inhibitor of apoptosis

Calculated MW:

60 kDa

Observed MW:

57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : PDGF treated NIH/3T3 cells,

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

*** 20ul sizes contain 0.1% BSA

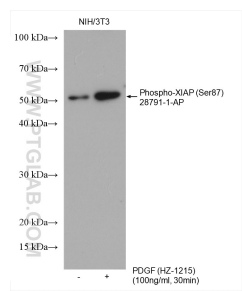
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Selected Validation Data



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-XIAP (Ser87) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.