

## XIAP (G81) polyclonal antibody

Catalog: BS1609

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

The human X chromosome linked Inhibitor of Apoptosis Protein (XIAP) is a major member of the inhibitor of apoptosis (IAP) family. XIAP functions by direct binding and inhibition of several caspases, including Caspase 3, Caspase 7 and Caspase 9. During apoptosis XIAP is specifically cleaved by Caspase 3 and partially loses its function. In addition to blocking the apoptosis signaling pathway, XIAP can also bind several other proteins in the bone morphogenetic protein (BMP) signaling pathway and act as a coupler between the membrane BMP receptor and the TAB1 TAK1 complex by binding to these proteins.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 57 kDa

### Swiss-Prot:

P98170

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

### Storage&Stability:

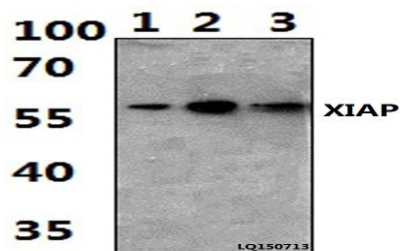
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

XIAP (G81) polyclonal antibody detects endogenous lev-

els of XIAP protein.

### DATA:

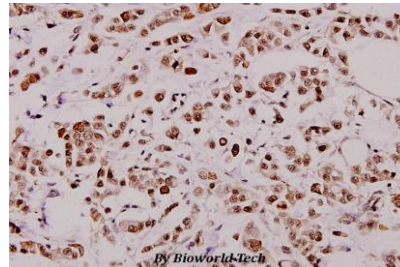


Western blot (WB) analysis of XIAP (G81) polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:Hela treated with H2O2 (100nmol/ml, 25min, phostop) whole cell lysate (40ug)

Lane3:Hela treated with H2O2 (100nmol/ml, 25min, λ-ppase) whole cell lysate (40ug)



Immunohistochemistry (IHC) analyzes of XIAP (G81) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

For research use only, not for use in diagnostic procedure.

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