

Code No. 28059

**Anti-Human  
XIAP Rabbit IgG Affinity Purify**

Volume : 50 µg

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**Introduction** : IAP (inhibitor of apoptosis protein) is an evolutionarily-conserved inhibitory factor of apoptosis. IAP directly binds to caspase which plays the central role in operation of apoptosis and inhibits it. Human XIAP (X-chromosome-linked inhibitor of apoptosis protein) is known as one of the IAP family and binds to caspase-3, 7, and 9 directly and inhibits their functions. XIAP has three BIR (baculovirus IAP repeat) domains. It is confirmed that BIR2 domain binds to caspase-3 and 7, and BIR3 domain binds to caspase-9. Also it has known that the RING finger domain has a ubiquitin ligase activity and is associated with ubiquitination of caspase.

**Antigen** : Synthetic peptide of a part of Human XIAP  
(aa244-263: VSSDRNFPNSTNLPRNPSMA)

**Purification** : Purified with antigen peptide

**Form** : Lyophilized product from 1 % BSA in PBS containing 0.05% NaN<sub>3</sub>

**How to use** : 1.0 mL deionized water will be added to the product (the conc. comes up 50 µg /mL)

**Stability** : Lyophilized product, 5 years at 2 – 8 °C  
: Solution, 2 years at –20 °C

**Application** : This antibody can be used for western blotting in concentration of 0.1 - 0.5 µg /mL.

**Specificity** : Cross reacts with mouse.