

[KO Validated] Anti-XIAP Rabbit pAb

Purified Rabbit Polyclonal Antibody

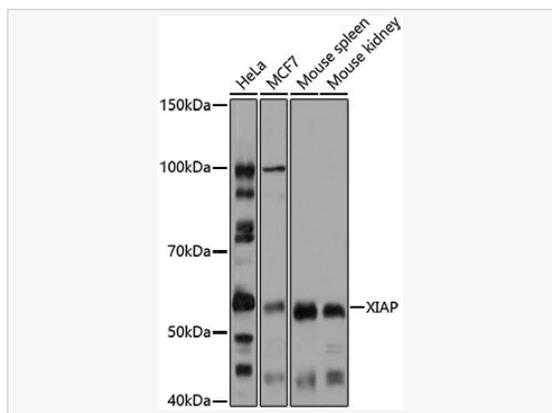
Catalog # P107154

Product Information

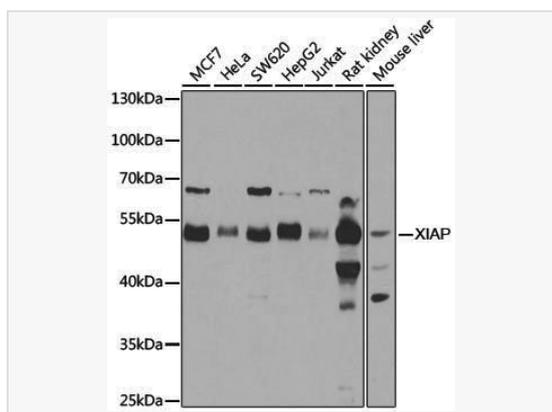
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|-------------|---|
| Application | WB, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:500~1:2,000 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 198-497 of human XIAP (NP_001158.2). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-XIAP Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

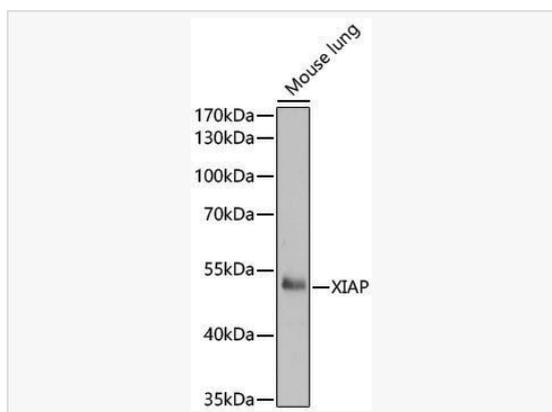
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|---------------|--|
| Synonyms | API3; ILP1; MIHA; XLP2; BIRC4; IAP-3; hIAP3; hIAP-3; XIAP. |
| Calculated MW | Calculated MW: 57 kDa; Observed MW: 54 kDa |
| Uniprot ID | P98170 |
| Gene ID | 331 |
| Background | This gene encodes a protein that belongs to a family of apoptotic suppressor proteins. Members of this family share a conserved motif termed, baculovirus IAP repeat, which is necessary for their anti-apoptotic function. This protein functions through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2 and inhibits apoptosis induced by menadione, a potent inducer of free radicals, and interleukin 1-beta converting enzyme. This protein also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. Mutations in this gene are the cause of X-linked lymphoproliferative syndrome. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 2 and 11. |



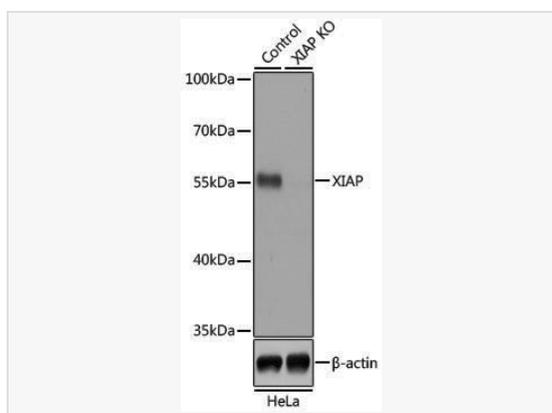
Western blot analysis of various lysates using [KO Validated] XIAP Rabbit pAb (P107154) at 1:1,000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Kit (SQ201).
 Exposure time: 30s.



Western blot analysis of various lysates using [KO Validated] XIAP Rabbit pAb (P107154) at 1:1,000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Kit (SQ201).
 Exposure time: 30s.



Western blot analysis of lysates from Mouse lung using XIAP Rabbit pAb (P107154) at 1:1,000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Kit (SQ201).
 Exposure time: 90s.



Western blot analysis of lysates from wild type (WT) and XIAP knockout (KO) HeLa cells, using [KO Validated] XIAP Rabbit pAb (P107154) at 1:1,000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Kit (SQ201).
 Exposure time: 3s.