

## [KO Validated] XIAP Antibody

**CAB6869**

### Description

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This [KO Validated] XIAP Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CAB6869
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	API3, ILP1, MIHA, XLP2, BIRC4, IAP-3, hIAP3, hIAP-3, AP
<b>Clone:</b>	-
<b>Applications:</b>	<span style="background-color: red; color: white; padding: 2px 5px;">WB</span> <span style="background-color: #0070C0; color: white; padding: 2px 5px;">ELISA</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

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<b>Gene ID:</b>	331
<b>Uniprot:</b>	AB_2863544
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	54kDa
<b>Calculated MW:</b>	57kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

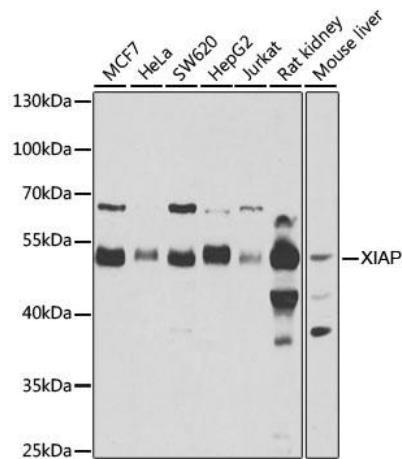
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** MCF-7, HeLa, SW620, HepG2, Jurkat, Mouse liver, Rat kidney

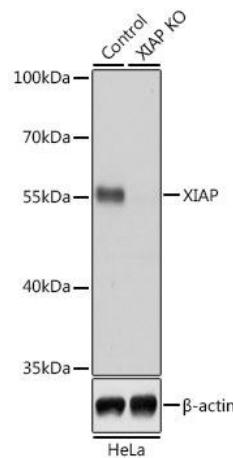
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:2000
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

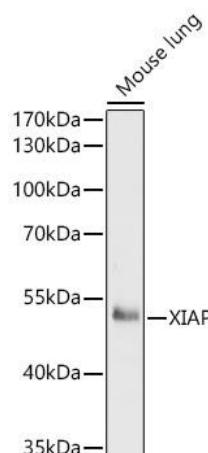
## Validation Data



Western blot analysis of various lysates using [KO Validated] XIAP Rabbit pAb (CAB6869) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lanes: MCF7, HeLa, SW620, HepG2, Jurkat, Rat kidney, Mouse liver. Molecular weight markers (kDa) are indicated on the left: 130kDa, 100kDa, 70kDa, 55kDa, 40kDa, 35kDa, 25kDa. The blot shows bands for XIAP across all lanes, with a prominent band around 55kDa.



Western blot analysis of lysates from wild type (WT) and XIAP knockout (KO) HeLa cells, using [KO Validated] XIAP Rabbit pAb (CAB6869) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lanes: Control (WT), XIAP KO. Molecular weight markers (kDa) are indicated on the left: 100kDa, 70kDa, 55kDa, 40kDa, 35kDa. The blot shows bands for XIAP in WT lanes and absence of XIAP in KO lanes. A loading control, β-actin, is shown at the bottom.



Western blot analysis of lysates from Mouse lung using XIAP Rabbit pAb (CAB6869) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.