
Anti-XIAP Purified

Catalog Number: 14-6047

Also known as: BIRC4

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Contents: Anti-XIAP Purified
Catalog Number: 14-6047
Clone: Polyclonal
Concentration: 0.2 mg/mL
Host/Isotype: Rabbit IgG

REF



LOT



Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C.

Batch Code: Refer to vial

Use By: Refer to vial

Description

This rabbit polyclonal antibody reacts with human, mouse, and rat X-linked IAP (XIAP), which is also known as Baculoviral IAP repeat-containing protein (BIRC) 4. This 53-kDa member of the inhibitor of apoptosis (IAP) family of proteins is ubiquitously expressed across multiple tissues and resides in the cytoplasm. XIAP inhibits cell death in response to stimuli such as UV irradiation, TNF, and FasL. This protein selectively binds and inhibits caspases-3, -7, and -9, but not caspases-1, -6, -8, or -10. Studies have demonstrated that XAF-1 and Smac/DIABLO are inhibitors of XIAP activity. Finally, XIAP deficiency in humans has been associated with X-link lymphoproliferative (XLP) syndrome.

Applications Reported

This polyclonal antibody has been reported for use in western blotting, immunoprecipitation, and immunohistochemical staining.

Applications Tested

This polyclonal antibody has been tested by western blot analysis of Jurkat cell lysate. This can be used at 0.5-4 ug/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Rigaud S, Fondanèche MC, Lambert N, Pasquier B, Mateo V, Soulas P, Galicier L, Le Deist F, Rieux-Laucat F, Revy P, Fischer A, de Saint Basile G, Latour S. XIAP deficiency in humans causes an X-linked lymphoproliferative syndrome. *Nature*. 2006 Nov 2;444(7115):110-4.

Eckelman BP, Salvesen GS, Scott FL. Human inhibitor of apoptosis proteins: why XIAP is the black sheep of the family. *EMBO Rep*. 2006 Oct;7(10):988-94.

Deveraux QL, Takahashi R, Salvesen GS, Reed JC. X-linked IAP is a direct inhibitor of cell-death proteases. *Nature*. 1997 Jul 17;388(6639):300-4.

Related Products

14-9933 Anti-Human Caspase 7 Purified (20F3)
60-6673 Anti-Human Pro-Caspase 3 Purified (31A893)
BMS2012INST* Human Caspase-3 Instant ELISA
BMS2025* Human Caspase-9 Platinum ELISA

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