

BIRC7 polyclonal antibody

Catalog: BS8491

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Inhibitor of apoptosis proteins (IAPs) contain conserved, unique aminoterminal baculovirus IAP repeats (BIRs) and usually a C-terminal RING finger domain. Immunoprecipitation and Western blot analysis indicate that ML-IAP, also known as melanoma inhibitor of apoptosis protein, kidney inhibitor of apoptosis protein (KIAP), livin or BIRC7, binds to caspase-3, -7, and -9, but only inhibits caspase-9. Additionally, ML-IAP physically interacts with SMAC through its BIR domain with a very high affinity and this interaction is very specific. The gene which encodes ML-IAP maps to human chromosome 20q13.3. There is controversy regarding the localization of this protein and its involvement in apoptosis, but it has been suggested that ML-IAP may play a complex role in the regulation of apoptosis.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 32kDa

Swiss-Prot:

Q96CA5

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: 1:500~1:2000

IHC/IF: 1:50~1:200

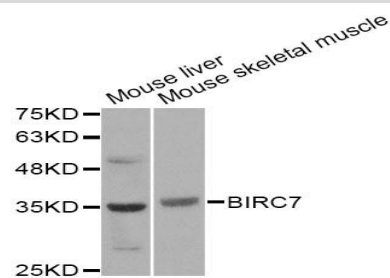
Storage&Stability:

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

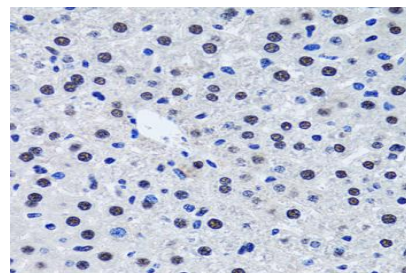
Specificity:

ML-IAP/BIRC7 polyclonal antibody detects endogenous levels of ML-IAP/BIRC7 protein.

DATA:



Western blot analysis of extracts of various cell lines, using BIRC7 Antibody.



Immunohistochemistry of paraffin-embedded rat liver using BIRC7 antibody.

Note:

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

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