

Caspase 14 p10 polyclonal antibody

Catalog: BS5643

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Caspases are a family of cysteine proteases that play an essential role in carrying out apoptosis. Caspase-14, also named MICE, is a unique member of the caspase family with restricted expression; it is found in embryonic tissues and adult skin. Caspase-14 is weakly processed into p19 and p10 subunits by caspase-8. Caspase-14 may not play a role in apoptosis, but instead may regulate keratinocyte differentiation. Expression of caspase-14 may protect from psoriasis and irradiation damage. Caspase-14 may also be responsible for proteolytic processing of filaggrin during terminal differentiation of keratinocytes.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 10, 27 kDa

Swiss-Prot:

P31944

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: 1:500~1:1000

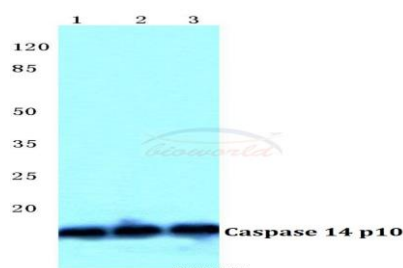
Storage&Stability:

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

Specificity:

Caspase 14 p10 polyclonal antibody recognizes endogenous levels of total caspase-14 protein and the p10 subunit of mature caspase-14.

DATA:



Western blot (WB) analysis of Caspase 14 p10 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:Mouse spleen tissue lysate

Lane3:Rat liver tissue lysate

Note:

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

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