

Product Datasheet

Caspase-14 Antibody

Catalog No: CY5976

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



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Information

UniProt ID: P31944

All Names: CASP14; Caspase-14; Caspase 14; MICE; CASP-14;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 28 kDa

Application

WB 1:500~1:2000

IHC 1:50~1:200

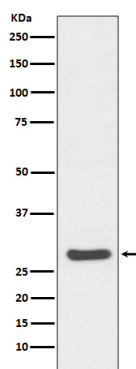
ICC/IF 1:50~1:200

IP 1:50

FC 1:50

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 p18 and p11 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.



Western blot analysis of Caspase-14 expression in Human skin lysate.

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