

Caspase-14 Antibody

CATALOG #: 3011-30T 30 µg (Trial size)
 3011-100 100 µg

ALTERNATE NAMES: CASP-14

HOST: Rabbit

ISOTYPE: IgG

IMMUNOGEN: Synthetic peptide corresponding sequence surrounding amino acid 176 of human Caspase-14.

INTERNAL ID: BV-M1

PURIFICATION: Affinity purified

MOLECULAR WEIGHT: ~28 and 17 kDa

FORM: Liquid

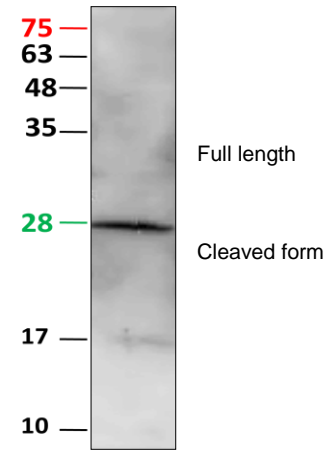
FORMULATION: 0.5 mg/ml of antibody in PBS, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol, pH 7.2

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -20°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION: 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.

APPLICATION: Western blot (1:100)
Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of Jurkat cell lysate with Caspase-4 antibody.

RELATED PRODUCTS:

- Caspase-14 blocking peptide (Cat. No. 3011BP-50)
- Caspase-1 antibody (cat. No. 3019-100)
- Caspase-2 antibody (cat. No. 3027-100)
- Caspase-3 antibody (cat. No. 3138-100)
- Caspase-4 antibody (cat. No. 3028-100)
- Caspase-5 antibody (cat. No. 3029-100)
- Caspase-6 antibody (cat. No. 3256-100)
- Caspase-7 antibody (cat. No. 3135-100)
- Caspase-8 antibody (cat. No. 3259-100)
- Caspase-8 antibody (cat. No. 3158-100)
- Caspase-8 antibody (cat. No. 3020-100)
- Caspase-9 antibody (cat. No. 3409-100)
- Caspase-9 antibody (cat. No. 3136-100)
- Caspase-9 antibody (cat. No. 3016-100)
- Caspase-10 antibody (cat. No. 3410-200)
- Caspase-11 antibody (cat. No. 3021-100)
- Caspase-12 antibody (cat. No. 3282-100)

FOR RESEARCH USE ONLY! Not to be used on humans.

