

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Caspase 14 p10 Peptide

Cat No.: BS5643P

#### 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.

#### Swiss-Prot

P31944

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5643 Caspase 14 p10 pAb.

#### Purification & Purity

Synthetic peptide Caspase 14 p10. (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

#### Research Use

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

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