

## Product datasheet

# Human Caspase 4 peptide ab39725

### Overview

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**Product name** Human Caspase 4 peptide

### Description

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**Nature** Synthetic

### Amino Acid Sequence

**Species** Human

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab39725** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Western blot

**Form** Liquid

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: 0.02% Sodium Azide

Constituents: 0.1% BSA, PBS, pH 7.2

### General Info

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**Function** Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves caspase-1.

**Tissue specificity** Widely expressed, with highest levels in spleen and lung. Moderate expression in heart and liver, low expression in skeletal muscle, kidney and testis. Not found in the brain.

**Sequence similarities** Belongs to the peptidase C14A family.  
Contains 1 CARD domain.

**Post-translational modifications** The two subunits are derived from the precursor sequence by an autocatalytic mechanism or by cleavage by Caspase-8.

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