

## Product datasheet

# Human Caspase 4 peptide ab71984

### 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 **ab71984** in the following tested applications.

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

**Applications** Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)  
 Western blot  
 Blocking - Blocking peptide for Anti-Caspase 4 antibody ([ab25898](#))

**Form** Liquid

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.  
 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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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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