

Product datasheet

Anti-Caspase 4 antibody ab25898

2 References 2 Images

Overview

<b>Product name</b>	Anti-Caspase 4 antibody
<b>Description</b>	Rabbit polyclonal to Caspase 4
<b>Host species</b>	Rabbit
<b>Specificity</b>	ab25898 recognises Caspase-4.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic 16 amino acid peptide from the amino terminus of Caspase-4(Human)
<b>Positive control</b>	Mouse spleen. Ramos cell lysate.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab25898** in the following tested applications.

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

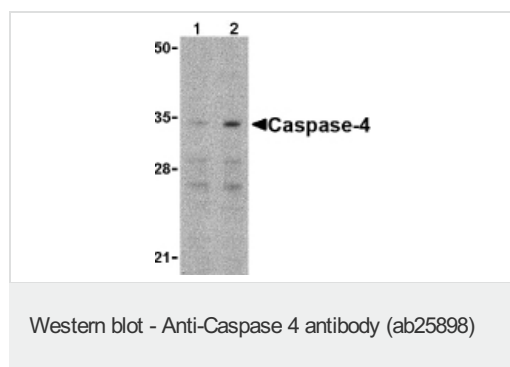
Application	Abreviews	Notes
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 34 kDa (predicted molecular weight: 31 kDa).

Application	Abreviews	Notes
IHC-P		Use a concentration of 2 µg/ml.

## Target

<b>Function</b>	Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves caspase-1.
<b>Tissue specificity</b>	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.
<b>Sequence similarities</b>	Belongs to the peptidase C14A family. Contains 1 CARD domain.
<b>Post-translational modifications</b>	The two subunits are derived from the precursor sequence by an autocatalytic mechanism or by cleavage by Caspase-8.

## Images



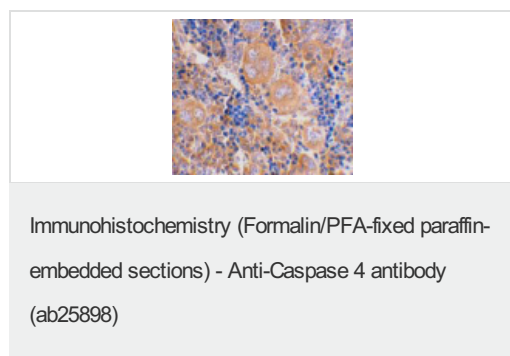
**Lane 1 :** Anti-Caspase 4 antibody (ab25898)  
at 0.5 µg/ml

**Lane 2 :** Anti-Caspase 4 antibody (ab25898)  
at 1 µg/ml

**All lanes :** Ramos cell lysate

**Predicted band size:** 31 kDa

**Observed band size:** ~34 kDa



ab25898 Immunohistochemical staining  
Caspase 4 of mouse spleen using 2 µg/ml  
(paraffin embedded sections).

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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