

Product datasheet

Anti-Caspase 4 antibody ab25898

[2 References](#) [2 Images](#)

Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	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.

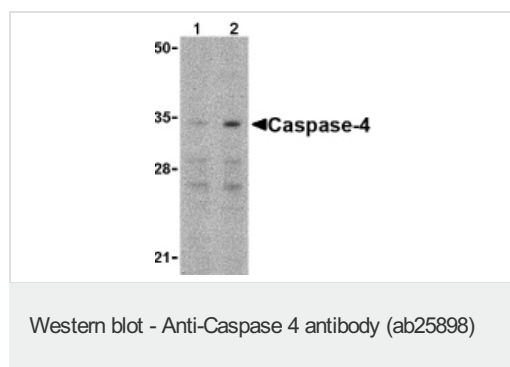
Application	Abreviews	Notes
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 34 kDa (predicted molecular weight: 31 kDa).

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

Target

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.

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

[why is the actual band size different from the predicted?](#)



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

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