

A24049

Leader in Biomolecular Solutions for Life Science



# Caspase-5 Rabbit pAb

Catalog No.: A24049

## Basic Information

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**Observed MW**

**Calculated MW**  
50kDa

**Category**  
Polyclonal Antibody

**Applications**

**Cross-Reactivity**

## Background

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This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. Overexpression of the active form of this enzyme induces apoptosis in fibroblasts. Max, a central component of the Myc/Max/Mad transcription regulation network important for cell growth, differentiation, and apoptosis, is cleaved by this protein; this process requires Fas-mediated dephosphorylation of Max. The expression of this gene is regulated by interferon-gamma and lipopolysaccharide. Alternatively spliced transcript variants have been identified for this gene.

## Recommended Dilutions

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## Immunogen Information

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**Gene ID**  
838

**Swiss Prot**  
P51878

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 147-164 of human Caspase-5(NP\_004338.3)

**Synonyms**

ICH-3; ICEREL-III; ICE(rel)III; Caspase-5

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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**Source**  
Rabbit

**Isotype**  
IgG

**Purification**  
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.