

## Caspase-5 Polyclonal Antibody

<b>CATALOG #:</b>	3329-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Synthetic peptide corresponding to amino acids residues around 162 of human caspase-5 (ID# BV-29).

### FORMULATION:

100 µg (0.2 mg/ml) immunoaffinity purified rabbit anti-caspase-5 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% sodium azide.

**SPECIES REACTIVITY:** human, rat

### STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### BACKGROUND:

Caspase family of cysteine proteases has been shown to play a key role in apoptosis. Caspase-5 is also known as Ich-3 and ICE<sub>rel-III</sub> and can be proteolytically processed by granzyme B. Over expression of caspase-5 induces apoptosis in Rat-1 and HeLa cells, which can be inhibited by CrmA and Bcl-2.

### APPLICATION AND USAGE:

The antibody can be used for Western blotting (1-2 µg/ml). However, the optimal conditions should be determined individually.

### SPECIFICITY:

The antibody detects the 47 kDa full length, 30 kDa intermediate, and the 20 kDa cleaved forms of caspase-5. Rat kidney cell lysate can be used as a positive control.

**NOTE:** For Research Use Only. Not to be used in human.  
Warranty information can be found in [www.biovision.com](http://www.biovision.com)

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