

**bs-3665R****[ Primary Antibody ]**

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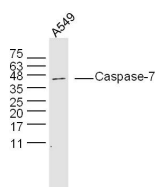
400-901-9800

## Caspase-7 p20 Rabbit pAb

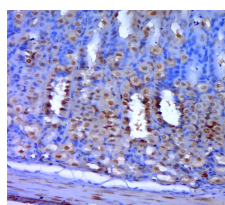
### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 840	<b>SWISS:</b> P55210	<b>IHC-F</b> (1:100-500)
<b>Target:</b> Caspase-7 p20		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human caspase-7 isoform alpha subunit p20: 101-200/303.		<b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Cow)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 20/33 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> This gene encodes a protein which is 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. The precursor of this caspase is cleaved by caspase3 and 10. It is activated upon cell death stimuli and induces apoptosis. Alternative splicing results in four transcript variants, encoding three distinct isoforms. [provided by RefSeq].		

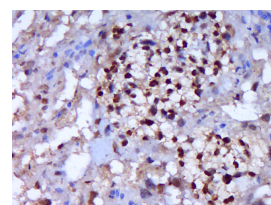
### — VALIDATION IMAGES —



Sample: A549 Cell (Human) Lysate at 30 ug  
Primary: Anti- Caspase-7 (bs-3665R) at 1/300  
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kD Observed band size: 40 kD



Paraformaldehyde-fixed, paraffin embedded (mouse stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Caspase-7) Polyclonal Antibody, Unconjugated (bs-3665R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Caspase-7) Polyclonal Antibody, Unconjugated (bs-3665R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

### — SELECTED CITATIONS —

- **[IF=3.5]** Ruixue Wang. et al. RecQ protein-like 4 drives cisplatin chemosensitivity of cervical cancer cells by modulating annexin A2. DRUG DEVELOP RES. 2024 Oct;85(7):e70003 WB ;Human. 39404003