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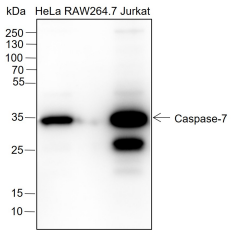
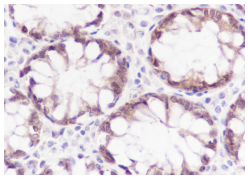
Caspase-7 Recombinant Rabbit mAb

Catalog Number:	bsm-60304R
Target Protein:	Caspase-7
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Recombinant
Clone No.:	C7G8
Isotype:	IgG
Applications:	**WB** (1:500-1000), **IHC-P** (1:200-1:1000), **IHC-F** (1:50-100), **IF** (1:50-100)
Reactivity:	Human, Mouse
Predicted MW:	20/33 kDa
Subcellular Locations:	Cytoplasm ,Nucleus
Entrez Gene:	840
Swiss Prot:	P55210
Purification:	affinity purified by Protein A
Storage:	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.
Background:	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].

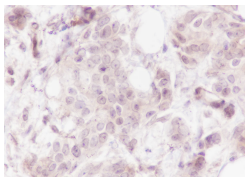
VALIDATION IMAGES



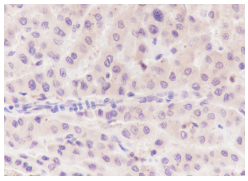
Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:2000 Primary ab incubation condition: 2 hours at room temperature Lysate: HeLa, RAW264.7, Jurkat Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 34 kDa Observed MW: 18, 32, 35 kDa



Tissue: Human colon Section type: Formalin fixed & Paraffin -embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:1000 Primary ab incubation condition: 1 hour at room temperature Counter stain: Hematoxylin Comment: Color brown is the positive signal for bsm-60304R



Tissue: Human breast cancer Section type: Formalin fixed & Paraffin -embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:1000 Primary ab incubation condition: 1 hour at room temperature Counter stain: Hematoxylin Comment: Color brown is the positive signal for bsm-60304R



Tissue: Human liver cancer Section type: Formalin fixed & Paraffin -embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:1000 Primary ab incubation condition: 1 hour at room temperature Counter stain: Hematoxylin Comment: Color brown is the positive signal for bsm-60304R

PRODUCT SPECIFIC PUBLICATIONS

[IF=preprint] Bing Chen. et al.Network pharmacology-based investigation of potential mechanism of Triptolide against Thyroid Cancer.Research Square. Western blot ; Human . 10.21203/rs.3.rs-4779748/v1