

Product Datasheet

Caspase 3 Rabbit Polyclonal Antibody (orb213644)

Catalog Number	orb213644
Category	Antibodies
Description	The Caspase 3 Antibody [KO/KD Validated] is suitable for IF, IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Caspase 3. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	CASP3
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Bovine, Canine, Human, Monkey, Mouse, Rat, Zebrafish
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Caspase 3. The exact sequence is proprietary.
UniProt ID	P42574, P70677, P55213
MW	Precursor 31 kDa, cleaved forms 17~25 kDa
Tested applications	IF, IHC, WB

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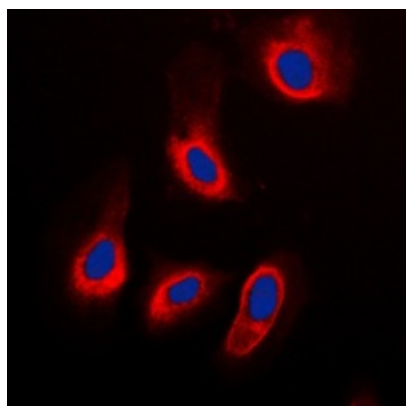
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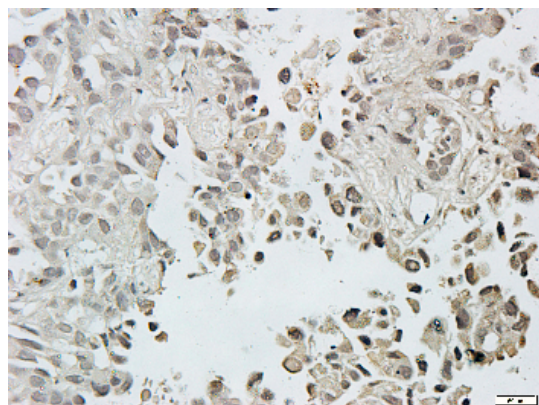
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Dilution range	WB: 1-500-1-1000, IHC-P: 1-100-1-200, IF/ICC: 1-100-1-500
Specificity	Recognizes endogenous levels of Caspase 3 protein.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	12367, 836, 25402
Expiration Date	12 months from date of receipt.



Immunofluorescent analysis of Caspase 3 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemical analysis of paraffin-embedded human lung cancer using Caspase 3 Antibody orb213644 with dilution at 1:100.

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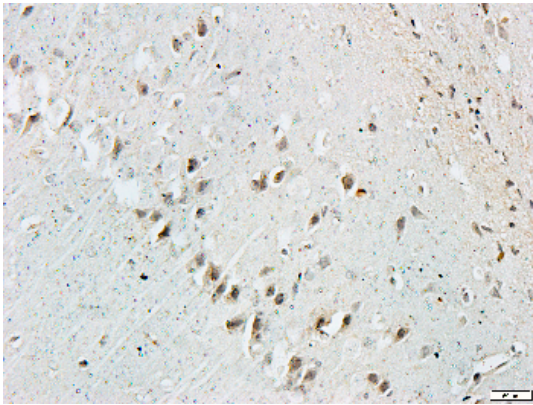
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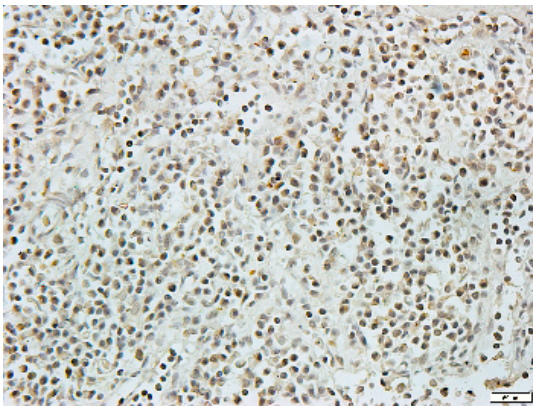
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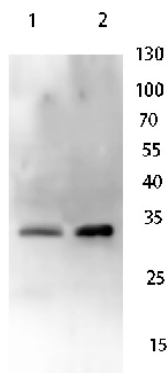
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Immunohistochemical analysis of paraffin-embedded mouse brain using Caspase 3 Antibody orb213644 with dilution at 1:100.



Immunohistochemical analysis of paraffin-embedded rat lymph node using Caspase 3 Antibody orb213644 with dilution at 1:100.



Western blot analysis of mouse brain (1), 293T (2) using Caspase 3 Antibody orb213644 with dilution at 1:1000.

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