

Anti-Phospho-CASP9 (Thr125) Polyclonal Antibody 2

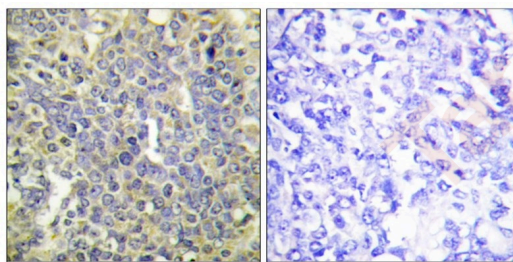
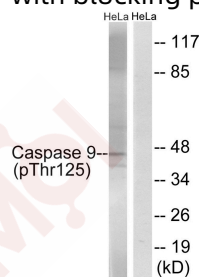
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 47 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity:

1. Western blot analysis of extracts from HeLa cells treated with TNF using Caspase 9 (Phospho-Thr125) Antibody TMAC-00573. The lane on the right is treated with the antigen-specific peptide.
2. Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Caspase 9 (Phospho-Thr125) antibody TMAC-00573 (left) or the same antibody preincubated with blocking peptide (right).



Application:	IHC,WB
Recommended	WB: 1:500-1000; IHC: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of threonine 125 (P-E-T(p)-P-R) derived from Human Caspase 9
Antigen Species:	human
Uniprot ID:	P55211
Synonyms:	p-CASP9 (Thr125);p-CASP9 (T125);CASP9 (p-Thr125);CASP9 (p-T125)

Research Background

Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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