

Product datasheet for **AP55692PU-S**

Caspase 9 (CASP9) pThr125 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1:500~1:1000. Immunohistochemistry on paraffin sections: 1:50~1:100.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of threonine 125 (P-E-T(p)-P-R) derived from Human Caspase 9 (KLH-conjugated)
Specificity:	The antiserum was produced against synthesized phosphopeptide derived from human Caspase 9 around the phosphorylation site of threonine 125 (P-E-TP-P-R).
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	47 kDa
Gene Name:	caspase 9
Database Link:	Entrez Gene 842 Human P55211



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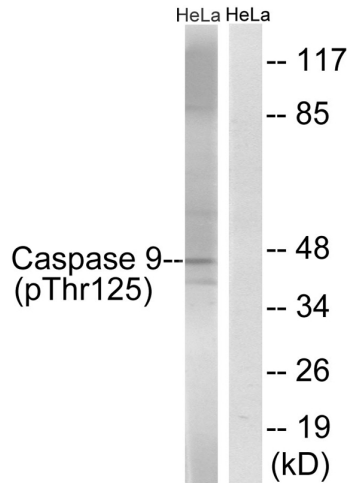
Background:

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.

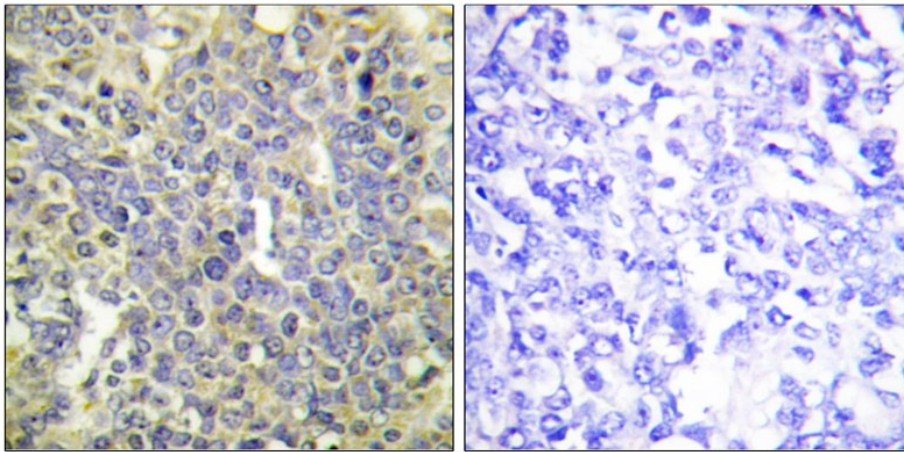
Synonyms:

CASP-9, CASP9, MCH6, ICE-LAP6, APAF-3, APAF3

Product images:



Western blot analysis of extracts from HeLa cells treated with TNF using Caspase 9 (Phospho-Thr125) Antibody. The lane on the right is treated with the antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Caspase 9 (Phospho-Thr125) antibody (left) or the same antibody preincubated with blocking peptide (right).