



Caspase 9 (Phospho-Thr125) Antibody

E11-0060A

Catalog Number: E11-0060A

Concentration: 1mg/ml

Swiss-Prot No.: P55211

Other Names: APAF-3; apoptotic protease activating factor 3; apoptotic protease Mch-6; CASP-9; caspase-9; caspase9; EC 3.4.22.62; ICE-LAP6; ICE-like apoptotic protease 6; MCH6; RNCASP9

All Sites: Human: Thr125; Mouse: Thr163; Rat: Thr163

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Caspase 9 around the phosphorylation site of threonine 125 (P-E-T^P-P-R).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: Caspase 9 (Phospho-Thr125) antibody detects endogenous levels of Caspase 9 only when phosphorylated at threonine 125.

Reactivity: Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%);

Rat (Identities = 92%, Positives = 92%)

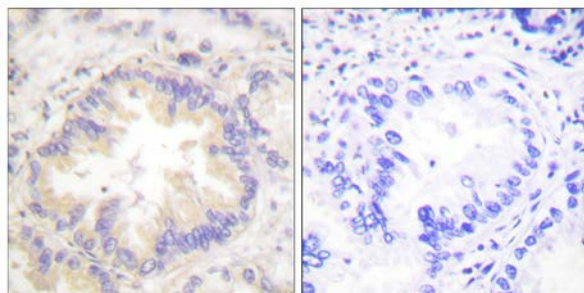
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000

References:

Duan H., J. Biol. Chem. 271:16720-16724(1996).

Srinivasula S.M., J. Biol. Chem. 271:27099-27106(1996).

Hadano S., Mamm. Genome 10:757-760(1999).

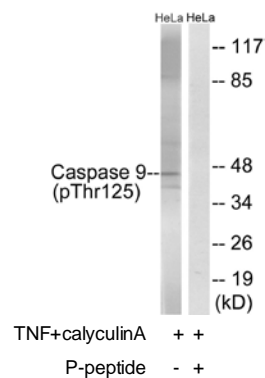


P-peptide

-

+

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Caspase 9 (Phospho-Thr125) antibody.



Western blot analysis of extracts from HeLa cells, treated with TNF (20ng/ml, 5mins) and calyculinA (50ng/ml, 15mins), using Caspase 9 (Phospho-Thr125) antibody.