



Caspase 1 (Phospho-Ser376) Antibody

E11-1025A

Catalog Number: E11-1025A

Concentration: 1mg/ml

Swiss-Prot No.: P29466

Other Names: CASP-1, EC 3.4.22.36, ICE, IL-1 beta converting enzyme, IL-1BC, IL1BCE, caspase-1, interleukin-1 beta convertase, interleukin-1 beta converting enzyme, p45

All Sites: Human: Ser376; Mouse: Ser374

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

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Caspase 1 around the phosphorylation site of serine 376 (R-F-S^P-F-E).

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.

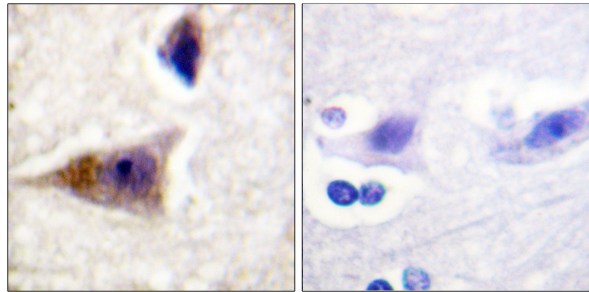
Specificity: Caspase 1 (Phospho-Ser376) antibody detects endogenous levels of Caspase 1 only when phosphorylated at serine 376.

Reactivity: Human, Mouse

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:20000

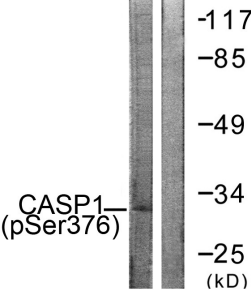
References:

Thornberry N.A., Nature 356:768-774(1992).
Feng Q., Genomics 84:587-591(2004).
Agostini L., Immunity 20:319-325(2004).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Caspase 1 (Phospho-Ser376) antibody.



P-peptide - +

Western blot analysis of extracts from 293 cells, using Caspase 1 (Phospho-Ser376) antibody.