



## RIPK2 (Phospho-Ser176) Antibody

E11-8180A

**Catalog Number:** E11-8180A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** O43353

**Other Names:** CARD-containing IL-1 beta ICE-kinase; CARD-containing interleukin-1 beta converting enzyme associated kinase; CARDIAK; EC 2.7.11.1; kinase RIPK2; Receptor-interacting protein 2; Receptor-interacting serine/threonine protein kinase 2; RICK; RIP-2; RIP-like interacting CLARP kinase; RIP2; RIPK2

**All Sites:** Human: Ser176; Mouse: Ser176

**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 RIPK2 around the phosphorylation site of serine 176 (S-L-S<sup>P</sup>-Q-S).

**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.

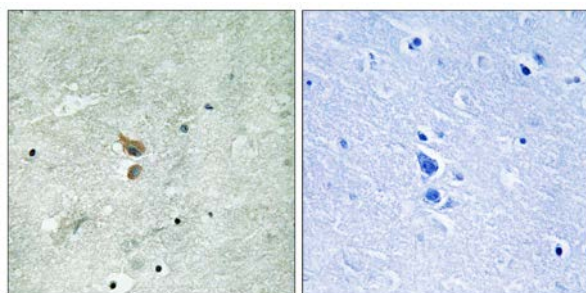
**Specificity:** RIPK2 (Phospho-Ser176) antibody detects endogenous levels of RIPK2 only when phosphorylated at serine 176.

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

**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100  
ELISA: 1:40000

### References:

Inohara N., J. Biol. Chem. 273:12296-12300(1998).  
McCarthy J.V., J. Biol. Chem. 273:16968-16975(1998).  
Thome M., Curr. Biol. 8:885-888(1998).

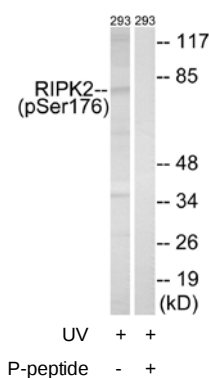


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using RIPK2 (Phospho-Ser176) antibody.



Western blot analysis of extracts from 293 cells, treated with UV (15mins), using RIPK2 (Phospho-Ser176) antibody.

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