



CK-1α (Phospho-Tyr294) Antibody

E11-8088A

Catalog Number: E11-8088A**Concentration:** 1mg/ml**Swiss-Prot No.:** P48729/Q8N752**Other Names:** Casein kinase I, alpha isoform; CK1-alpha; CKI-alpha; CSNK1A1; EC 2.7.11.1; KC1A; kinase CK1-alpha**All Sites:** Human: Tyr294; Mouse: Tyr294; Rat: Tyr294**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 CK-1α around the phosphorylation site of tyrosine 294 (Y-D-Y^P-T-F).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

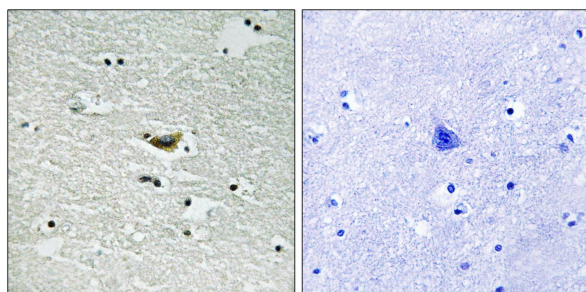
epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: CK-1α (Phospho-Tyr294) antibody detects endogenous levels of CK-1α only when phosphorylated at tyrosine 294.**Reactivity:** Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000**References:**

Tapia C., FEBS Lett. 349:307-312(1994).

Fish K.J., J. Biol. Chem. 270:14875-14883(1995).

Halleck A., Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

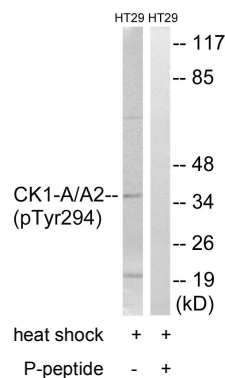


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using CK-1α (Phospho-Tyr294) antibody.



Western blot analysis of extracts from HT-29 cells, treated with heat shock, using CK-1α (Phospho-Tyr294) antibody.

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