



eEF2K (Phospho-Ser359) Antibody

E11-8340A

Catalog Number: E11-8340A

Concentration: 1mg/ml

Swiss-Prot No.: O00418

Other Names: Calcium/calmodulin-dependent eukaryotic elongation factor-2 kinase; eEF-2 kinase; eEF-2K; EF2K; Elongation factor 2 kinase; kinase Eef2k

All Sites: Human: Ser359; Mouse: Ser358; Rat: Ser358

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 eEF2K around the phosphorylation site of serine 359 (G-S^P-P-R-V).

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: eEF2K (Phospho-Ser359) antibody detects endogenous levels of eEF2K only when phosphorylated at serine 359.

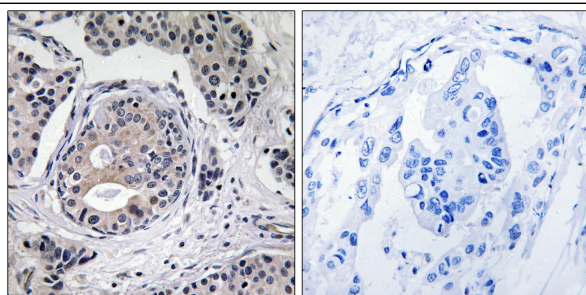
Reactivity: Human, Mouse, Rat

Applications: IHC: 1:50~1:100 ELISA: 1:40000

References:

Ryazanov A.G., Proc. Natl. Acad. Sci. U.S.A. 94:4884-4889(1997).

Martin J., Nature 432:988-994(2004).



P-peptide

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Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using eEF2K (Phospho-Ser359) antibody.

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