



ATF-4 (Phospho-Ser219) Antibody

E11-9003A

Catalog Number: E11-9003A

Concentration: 1mg/ml

Swiss-Prot No.: P18848

Other Names: Activating transcription factor 4; activating transcription factor 4 (tax-responsive enhancer element B67); ATF4; cAMP response element-binding protein 2; cAMP-dependent transcription factor ATF-4; cAMP-responsive element-binding protein 2; CREB-2; CREB2; Cyclic AMP-dependent transcription factor ATF-4; Cyclic AMP-responsive element-binding protein 2; DNA-binding protein TAXREB67; Tax-responsive enhancer element-binding protein 67; TaxREB67; TXREB

All Sites: Human: Ser219; Mouse: Ser218

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 ATF4 around the phosphorylation site of serine 219.

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: ATF-4 (Phospho-Ser219) Antibody detects endogenous levels of ATF4 only when phosphorylated at serine 219.

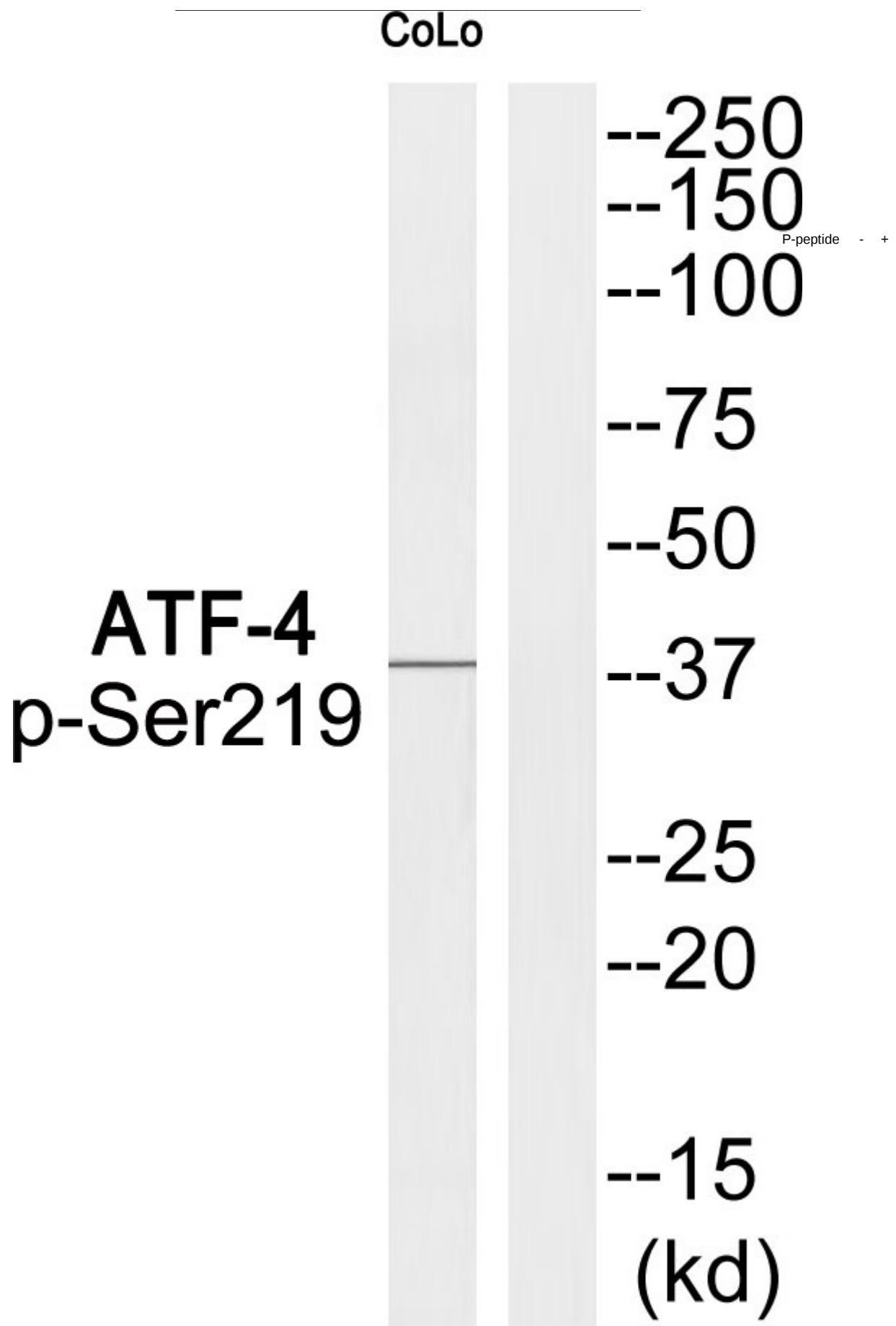
Reactivity: Human; Mouse

Applications: WB: 1:500-1:1000 ELISA: 1:20000

References:

Tsujimoto A., J. Virol. 65:1420-1426(1991).Karpinski B.A., Proc. Natl. Acad. Sci. U.S.A. 89:4820-4824(1992).

For Research Use Only



Western blot analysis of extracts from COLO205 cells,
using ATF-4 (Phospho-Ser219) Antibody.