

anti-Human, Mouse ATF-4 Antibody | anti-ATF-4 antibody

ATF-4 (Phospho-Ser219) Antibody

CATALOG # AAA17966	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, ELISA
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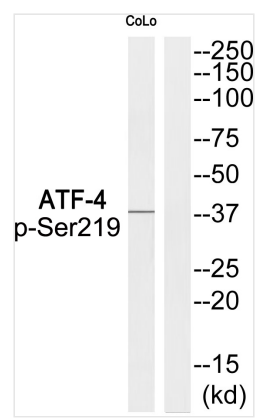
PRODUCT SYNONYMS

ATF-4; ATF-4 (Phospho-Ser219) Antibody; 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; anti-ATF-4 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	ATF-4 (Phospho-Ser219) Antibody detects endogenous levels of ATF4 only when phosphorylated at serine 219.
Purity/Purification	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.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	351
Applicable Applications for anti-ATF-4 antibody	WB (Western Blot), ELISA
Application Notes	WB: 1:500~1:1000 ELISA: 1:20000
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ATF4 around the phosphorylation site of serine 219.
All Sites	Human: Ser219 Mouse: Ser218
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



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

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATF-4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Tsujimoto A., J. Virol. 65:1420-1426(1991). Karpinski B.A., Proc. Natl. Acad. Sci. U.S.A. 89:4820-4824(1992). Karpinski B.A., Proc. Natl. Acad. Sci. U.S.A. 89:4820-4824(1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	33469976
NCBI GeneID	468
NCBI Accession #	NP_001666.2
NCBI GenBank Nucleotide #	NM_001675.4
UniProt Accession #	P18848; Q96AQ3; Q9UH31
Molecular Weight	38,590 Da
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-4
NCBI Official Synonym Full Names	activating transcription factor 4
NCBI Official Symbol	ATF4
NCBI Official Synonym Symbols	CREB2; TXREB; CREB-2; TAXREB67
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-4
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-4
UniProt Gene Name	ATF4
UniProt Synonym Gene Names	CREB2; TXREB; cAMP-dependent transcription factor ATF-4; CREB-2; cAMP-responsive element-binding protein 2; TaxREB67

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.