

Product Datasheet

Phospho-ATF-4 (Ser219) Antibody

Catalog No: CY6043

Reactivity: Human, Mouse

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P18848

All 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;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 40 kDa

Application

WB 1:500-1:2000

Background

Transcriptional activator. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Cooperates with FOXO1 in osteoblasts to regulate glucose homeostasis through suppression of beta-

Western blot analysis of ATF-4 (Phospho-Ser219) expression in A549 cells

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