

Anti-Phospho-ATF4 (Ser219) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012919

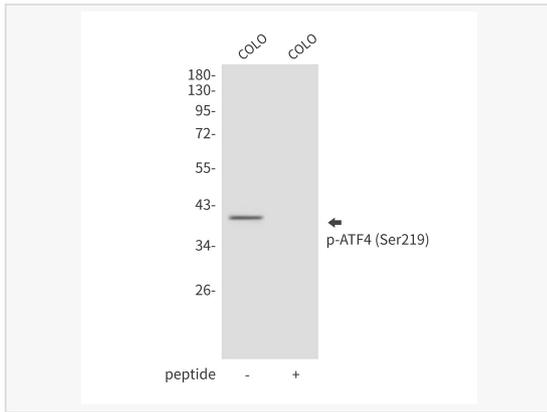
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Synthetic peptide of human ATF4
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-ATF4 (Ser219) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Cyclic AMP-dependent transcription factor ATF-4, CREB-2, cAMP-responsive element-binding protein 2, DNA-binding protein TAXREB67.
Calculated MW	Calculated MW: 39 kDa; Observed MW: 39 kDa
Uniprot ID	P18848
Gene ID	468
Background	ATF4, an activating transcription factor/cAMP-response element-binding protein family member, functions in the PERK and eIF2 α ER stress responsive pathway. ER stress represses the translation of the majority of mRNAs, but selectively stimulates the translation of certain mRNAs including that of ATF-4. Induced expression of ATF-4 increases the expression of genes critical for the recovery from ER stress.

Validation Images



Western blot analysis of Phospho-ATF4 (Ser219) in COLO lysates using Phospho-ATF4 (Ser219) antibody.