Anti-Phospho-ATF4 (Ser219) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012919

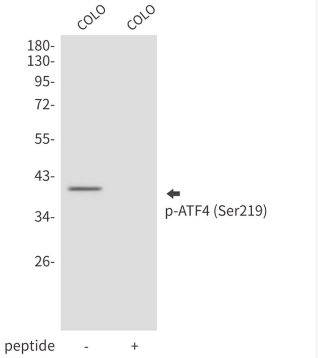
Product Information

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 eIF2α 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.