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ATF4 Antibody (S245) Blocking Peptide

Synthetic peptide
Catalog # BP6287a

Specification

ATF4 Antibody (S245) Blocking Peptide - Product Information

Primary Accession	Q96AQ3

ATF4 Antibody (S245) Blocking Peptide - Additional Information

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6287a was selected from the S245 region of human ATF4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ATF4 Antibody (S245) Blocking Peptide - Protein Information

ATF4 Antibody (S245) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ATF4 Antibody (S245) Blocking Peptide - Images

ATF4 Antibody (S245) Blocking Peptide - Background

ATF4 is a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV-1. The encoded protein was also isolated and characterized as the cAMP-response element binding protein 2 (CREB-2). ATF4 belongs to a family of DNA-binding proteins that includes the AP-1 family of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain.

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ATF4 Antibody (S245) Blocking Peptide - References

Gombart,A.F., J. Leukoc. Biol. 81 (6), 1535-1547 (2007)Jousse,C., J. Biol. Chem. 282 (21), 15851-15861 (2007)Kakiuchi,C., Neurosci. Lett. 417 (3), 316-321 (2007)Marchand,A., J. Biol. Chem. 281 (28), 19124-19133 (2006)