

Rabbit ATF4 Polyclonal Antibody | anti-ATF4 antibody

Rabbit Polyclonal (IgG) to Human ATF4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51636	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

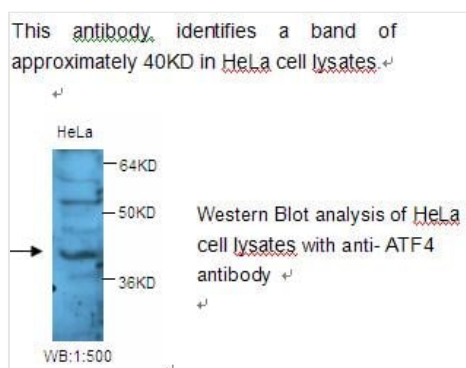
PRODUCT SYNONYMS

ATF4; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human ATF4; Anti-ATF4 Antibody IHC-plus; CREB-2; CREB2; TXREB; DNA-binding protein TAXREB67; TAXREB67; Human ATF4; anti-ATF4 antibody

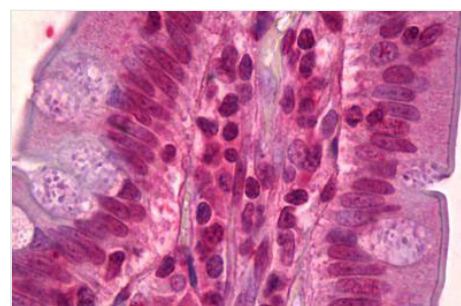
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ATF4 antibody detects endogenous levels of ATF4 protein. Not tested with other proteins.
Purity/Purification	Purified
Form/Format	PBS, pH 7.4, 0.05% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	351
Applicable Applications for anti-ATF4 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide
Immunogen Type	Synthetic peptide
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



WB (Western Blot)



IHC (Immunohistochemistry)

Anti-ATF4 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-ATF4 antibody	Activating transcription factor 4 (ATF4) was initially identified as a widely expressed mammalian DNA binding protein that could bind tax-responsive enhancer element within the LTR of HTLV-1. In a later study, it was isolated and characterized as cAMP-response element binding protein 2 (CREB-2). However, this sequence (M86842) has no sequence similarity with the CREB2 gene.
Product Categories/Family for anti-ATF4 antibody	Family: Transcription factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	33469976
NCBI GeneID	468
NCBI Accession #	NP_001666.2
NCBI GenBank Nucleotide #	NM_001675.4
UniProt Accession #	P18848 ; 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; DNA-binding protein TAXREB67; tax-responsive enhancer element B67; cAMP response element-binding protein 2; cAMP-dependent transcription factor ATF-4; cAMP-responsive element-binding protein 2; cyclic AMP-responsive element-binding protein 2; tax-responsive enhancer element-binding protein 67
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
UniProt Entry Name	ATF4_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atf4-antibody-western-blot-immunohistochemistry-elisa/51636>