

Rabbit anti-Human ATF7 Polyclonal Antibody | anti-ATF7 antibody

ATF7 Antibody (N-term)

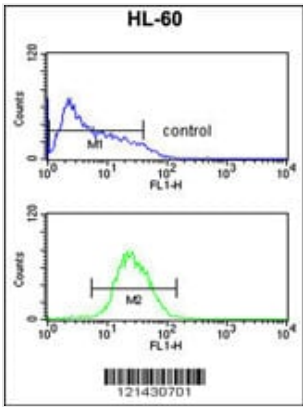
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289080	Rabbit	Human	ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

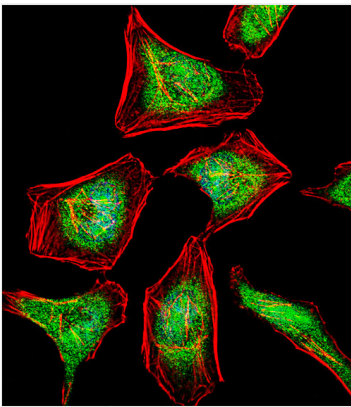
ATF7; Polyclonal Antibody; ATF7 Antibody (N-term); Cyclic AMP-dependent transcription factor ATF-7; cAMP-dependent transcription factor ATF-7; Activating transcription factor 7; Transcription factor ATF-A; ATFA; anti-ATF7 antibody

PRODUCT SPECIFICATIONS

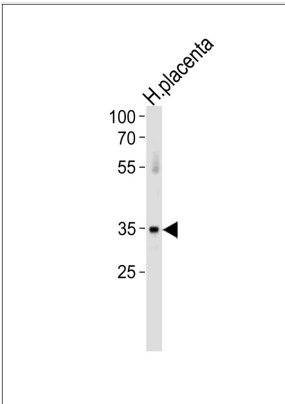
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ATF7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-96 amino acids from the N-terminal region of human ATF7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.47 (varies by lot)
Sequence Positions	68-96
Sequence Length	483
Applicable Applications for anti-ATF7 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ATF7 Antibody (N-term) flow cytometric analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Fluorescent confocal image of HeLa cell stained with ATF7 Antibody (N-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with ATF7 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min).ATF7 immunoreactivity is localized to Nucleus and Cytoplasm significantly.



WB (Western Blot)
ATF7 Antibody (N-term) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the ATF7 antibody detected the ATF7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ATF7 antibody	The cyclic AMP-dependent transcription factor ATF7 is a member of the bZIP family of proteins and is known to bind to the cAMP response element (CRE) as a homodimer.
Product Categories/Family for anti-ATF7 antibody	Crown Antibodies
References	Hamard,P.J.,et.al., Oncogene 24 (21), 3472-3483 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194239643
NCBI GeneID	11016
NCBI Accession #	NP_001123532.1; NP_001193611.1; NP_001193612.1; NP_006847.1
NCBI GenBank Nucleotide #	NM_001130060.1
UniProt Accession #	P17544; Q13814; Q81VR8; Q9UD83; A5D6Y4; B2RMP1; B4DQL4

Molecular Weight	52967
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-7 isoform 3
NCBI Official Synonym Full Names	activating transcription factor 7
NCBI Official Symbol	ATF7
NCBI Official Synonym Symbols	ATFA
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-7
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-7
UniProt Gene Name	ATF7
UniProt Synonym Gene Names	ATFA; cAMP-dependent transcription factor ATF-7
UniProt Entry Name	ATF7_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/atf7-antibody-western-blot-immunofluorescence-flow-cytometry-elisa/289080>