

Rabbit anti-Human ATF3 Polyclonal Antibody | anti-ATF3 antibody

ATF3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281068	Rabbit	Human	Immunofluorescence, Western Blot

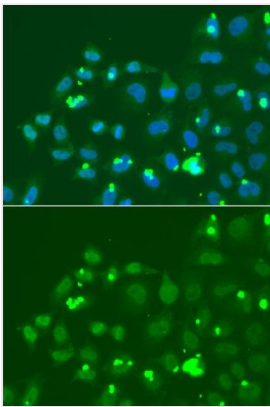
PRODUCT SYNONYMS

ATF3; Polyclonal Antibody; ATF3 Polyclonal Antibody; anti-ATF3 antibody

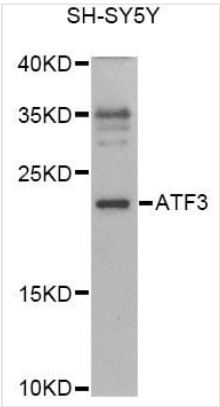
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MMLQHPGQVS ASEVSASAIV PCLSPPGSLV FEDFANLTPF VKEELRFAIQ NKHLCHRMSS ALESVTVSDR PLGVSITKAE VAPEEDERKK RRRERNKIAA AKCRNKKKEK TECLQKESEK LESVNAELKA QIEELKNEKQ HLIYMLNLHR PTCIVRAQNG RTPEDERNLF IQQIKEGTLQ S
Sequence Length	181
Applicable Applications for anti-ATF3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human ATF3
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using ATF3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of SH-SY5Y cells, using ATF3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ATF3 antibody	This gene encodes a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. This gene is induced by a variety of signals, including many of those encountered by cancer cells, and is involved in the complex process of cellular stress response. Multiple transcript variants encoding different isoforms have been found for this gene. It is possible that alternative splicing of this gene may be physiologically important in the regulation of target genes.
Product Categories/Family for anti-ATF3 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	71902536
NCBI GeneID	467
NCBI Accession #	NP_001025458.1
NCBI GenBank Nucleotide #	NM_001030287.3
UniProt Accession #	P18847; Q5VTZ2; Q6ICQ9; Q7Z566; Q8WYM6
Molecular Weight	Calculated: 12kDa; 13kDa; 14kDa; 15kDa; 20kDa Observed: 20kDa
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-3 isoform 1
NCBI Official Synonym Full Names	activating transcription factor 3
NCBI Official Symbol	ATF3
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-3
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-3
UniProt Gene Name	ATF3
UniProt Synonym Gene Names	cAMP-dependent transcription factor ATF-3

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.

