

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

Rabbit anti-human ATF7 polyclonal Antibody

CATALOG # AAA119004	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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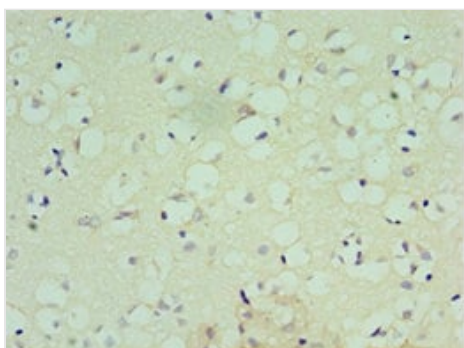
PRODUCT SYNONYMS

ATF7; Polyclonal Antibody; Rabbit anti-human ATF7 polyclonal Antibody; cAMP-dependent transcription factor ATF-7; Activating transcription factor 7; Transcription factor ATF-A; ATFA; anti-ATF7 antibody

PRODUCT SPECIFICATIONS

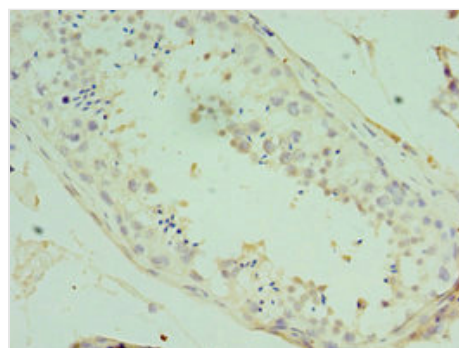
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	462
Applicable Applications for anti-ATF7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Cyclic AMP-dependent transcription factor ATF-7 protein (1-117aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-19764
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



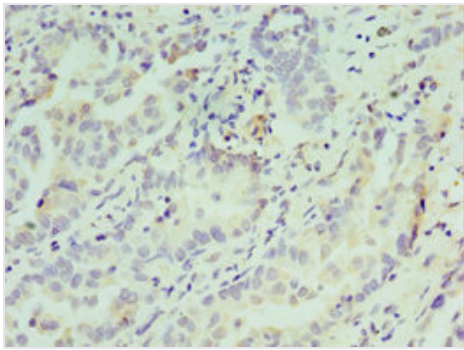
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA119004 at dilution 1:100



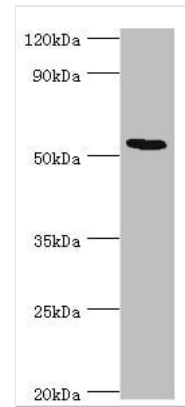
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA119004 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA119004 at dilution 1:100



WB (Western Blot)

All lanes: ATF7 antibody at 12ug/ml+Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 53,50,51,34,14,52 kDaObserved band size: 53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ATF7 antibody

Plays important functions in early cell signaling. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AG][AG]-3'), a sequence present in many viral and cellular promoters. Activator of the NF-ELAM1/delta-A site of the E-selectin promoter. Has no intrinsic transcriptional activity, but activates transcription on formation of JUN or FOS heterodimers. Also can bind TRE promoter sequences when heterodimerized with members of the JUN family. Isoform 4/ATF-A0 acts as a dominant repressor of the E-selectin/NF-ELAM1/delta-A promoter. Isoform 5/ATF-4 acts as a negative regulator, inhibiting both ATF2 and ATF7 transcriptional activities. It may exert these effects by sequestering in the cytoplasm the Thr-53 phosphorylating kinase, preventing activation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194239643
NCBI GeneID	11016
NCBI Accession #	NP_001123532.1
NCBI GenBank Nucleotide #	NM_001130060.1
UniProt Accession #	P17544 ; Q13814 ; Q8IVR8 ; Q9UD83 ; A5D6Y4 ; B2RMP1 ; B4DQL4
Molecular Weight	51,757 Da
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.