

Anti-ATF5 antibody (101-282) (STJ11100125)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

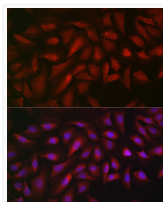
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 31kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

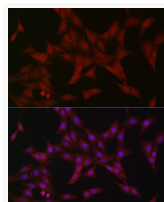
Gene ID	22809
Gene Symbol	ATF5
UniProt ID	ATF5_HUMAN
Immunogen Region	101-282
Immunogen Sequence	MASLLKKELEQMEDFFLDAP PLPPSPPPPLPPPLPPAPS LPLSLPSFDLPQPPVLDTLDD LLAIYCRNEAGQEEVGMPL PPPQQPPPPSPQPSRLAPY PHPATTRGDRKQKKRDQNK AALRYRQRKRAEGELEGEC QGLEARNRELKERAESVERE IQYVKDLLIEVYKARSQRTR SC
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 101-282 of human ATF5 (NP_036200.2).

ADDITIONAL INFORMATION

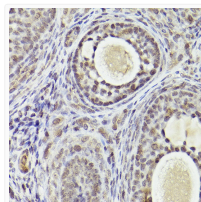
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



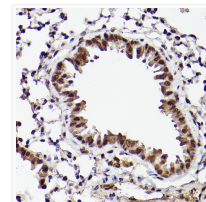
Immunofluorescence analysis of U2OS cells using ATF5 Rabbit polyclonal antibody (STJ11100125) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



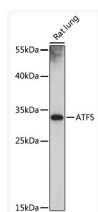
Immunofluorescence analysis of PC-12 cells using ATF5 Rabbit polyclonal antibody (STJ11100125) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded rat ovary using ATF5 Rabbit polyclonal antibody (STJ11100125) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse lung using ATF5 Rabbit polyclonal antibody (STJ11100125) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of rat lung, using ATF5 antibody (STJ11100125) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.