

Anti-ATF3 antibody (1-181) (STJ115430)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

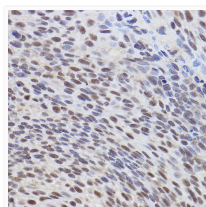
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:100-1:500 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 21kDa Observed Mw: 23kDa/24kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

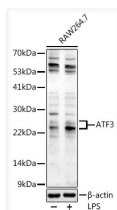
Gene ID	467
Gene Symbol	ATF3
UniProt ID	ATF3_HUMAN
Immunogen Region	1-181
Immunogen Sequence	MMQLQHPGQVSASEVSASAIV PCLSPPGSLVFEDFANLTPF VKEELRFAIQNKHLCHRMSS ALESVTVSDRPLGVSITKAE VAPEEDERKKRRRRERNKIAA AKCRNKKKEKTECLQKESEK LESVNAELKAQIEELKNEKQ HLIYMLNLHRPTCIVRAQNG RTPEDERNLFIQQIKEGTLQ S
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-181 of human ATF3 (NP_001665.1).

ADDITIONAL INFORMATION

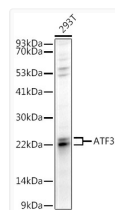
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunohistochemistry analysis of paraffin-embedded human lung cancer using ATF3 Rabbit polyclonal antibody (STJ115430) at dilution of 1:300 (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 RAW264.7 cells, using ATF3 antibody (STJ115430) at 1:1000 dilution. Raw264.7 cells were treated by LPS (1 Mu g/ml) at 37 °C for 8 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of extracts of 293T cells, using ATF3 antibody (STJ115430) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.