

# anti-ATF4-RAB-T56



## Applications

Competition ELISA	Western Blot	SPR	Spiked IP	Immunofluorescence	IP-MS	ChIP
			Pass	Pass		

\*rAb has been tested for the following applications. See below for the experimental details.

## Antibody information

**rAb ID:** anti-ATF4-RAB-T56

**Description:** recombinant Fab fragment obtained by recombinant antibody (rAb) phage display recognizing *ATF4* protein under non-denaturing conditions; specificity and affinity tested.

**Binder type:** rAb **Isotype:** IgG1 **Species:** *Homo sapiens* **Produced in:** *E. coli* **rAb tags:** Avi-tag; Flag-tag

**Specificity:** reacts with *Homo sapiens* ATF4 **Epitope:** binds to folded domain amino acids 276-339

**Storage conditions:** short term – store at 4°C (over 6 months), long term - PBS -20°C or -80°C

**Link:** <http://recombinant-antibodies.org/binders/anti-ATF4-RAB-T56>

## Antigen information

**Protein Name:** Activating transcription factor 4

**HGNC Symbol:** ATF4 **HGNC ID:** 468 **Species:** *Homo sapiens*

**UniProt AC:** P18848 **UniProt KB:** ATF4\_HUMAN

**Protein Sequence:**

MKIEEHHHHHHSSGKLGSTGGGLNDIFEAQKIEWHEEDLYFQSAAQPAEKLDKCLKKMEQNKTAATRYRQKKRAEQEALT  
GECKELEKKNEALKERADSLAKEIQYLKDLIE

**Tag N-terminus:** MKIEEHHHHHHSSGKLGSTGGGLNDIFEAQKIEWHEEDLYFQSAAQPA **Tag C-terminus:**

**Vector Type:** **Vector Link:**

**Protein Sequence Position:** 276-339 **Antigen source:** *E. coli* **Source Lab:** RAN **Source Lab ID:** Atf4 [2-78]

**Description:** affinity purified recombinant protein

## Validation data

### Spiked IP:

**Status:** Pass

Experimental Conditions: <http://recombinant-antibodies.org/protocols/spiked-IP>

### Immunofluorescence:

**Status:** Pass

Experimental Conditions: <http://recombinant-antibodies.org/protocols/immunofluorescence>

### IP-MS – immunoprecipitation for mass spectrometric analysis:

**Status:**

Experimental Conditions: <http://recombinant-antibodies.org/protocols/IP-MS>

### ChIP – chromatin immunoprecipitation:

**Status:**

Experimental Conditions: Pending

### IP – immunoprecipitation:

**Status:**

Experimental Conditions: Pending

### SP Elisa:

**Status:**

Experimental Conditions: <http://recombinant-antibodies.org/protocols/ELISA-IC50-EC50-direct-coating>

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