

# anti-ATAD2-RAB-T48



## Applications

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

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

## Antibody information

**rAb ID:** anti-ATAD2-RAB-T48

**Description:** recombinant Fab fragment obtained by recombinant antibody (rAb) phage display recognizing ATAD2 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* ATAD2 **Epitope:** binds to folded domain amino acids 982-1142

**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-ATAD2-RAB-T48>

## Antigen information

**Protein Name:** ATPase family, AAA domain-containing protein 2

**HGNC Symbol:** ATAD2 **HGNC ID:** 30123 **Species:** *Homo sapiens*

**UniProt AC:** Q6PL18 **UniProt KB:** ATAD2\_HUMAN

**Protein Sequence:**

MSGLNDIFEAQKIEWHEHHHHHHENLYFQSHMEEDTFRELRIFLRNVTHRLAIDKRFRVFTKPVDPDEVPDYVTVIKQPM  
LSSVISKIDLHKYLTVKDYLRDIDLICSNALYNPDRDPGDRILIRHRACALRDTAYAIKEELDEDFEQLCEEIQESRKKRGCS  
SKYAPSYHVMQKQNSTLVGDKRSDPE

**Tag N-terminus:** MSGLNDIFEAQKIEWHEHHHHHHENLYFQSHM **Tag C-terminus:**

**Vector Type:** RH2.2 **Vector Link:** <http://dnasu.org/DNASU/GetVectorDetail.do?vectorid=612>

**Protein Sequence Position:** 982-1142 **Antigen source:** *E. coli* **Source Lab:** RAN **Source Lab ID:** Atad2

**Description:** affinity purified recombinant protein

## Validation data

### Spiked IP:

**Status:** Pass

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

### Immunofluorescence:

**Status:**

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>

**Contact:**

**Recombinant Antibody Network**

admin@recombinant-antibodies.org

**The University of Chicago**

Knapp Center for Biomedical Discovery Rm. 3240G

900 E. 57th St., Chicago, IL 60637

Phone: +1 (773) 834-2776

**University of California, San Francisco**

Byers Hall Rm. 503

1700 4th St., San Francisco, CA 94158

Phone: +1 (530) 341-2371

**University of Toronto**

Best Institute Rm. 117

112 College Avenue, Toronto, Ontario M5G 1L6

Phone: +1 (416) 978-1594