

anti-ATAD2-RAB-T49



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-T49

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-T49>

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:

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