

anti-OTX2-RAB-T26



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-OTX2-RAB-T26

Description: recombinant Fab fragment obtained by recombinant antibody (rAb) phage display recognizing OTX2 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* OTX2 **Epitope:** binds to folded domain amino acids 39-95

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-OTX2-RAB-T26>

Antigen information

Protein Name: Orthodenticle homeobox 2

HGNC Symbol: OTX2 **HGNC ID:** 8522 **Species:** *Homo sapiens*

UniProt AC: P32243 **UniProt KB:** OTX2_HUMAN

Protein Sequence:

MKIEEHHHHHHSSGKLGSTGGGLNDIFEAQKIEWHEEDLYFQSAAQPARRERTTFFTRAQLDVLEALFAKTRYPDIFMREEV
ALKINLPESRVQVWFKNRRRAKCRQ

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

Vector Type: **Vector Link:**

Protein Sequence Position: 39-95 **Antigen source:** *E. coli* **Source Lab:** RAN **Source Lab ID:** Otx2 [3-7]

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>

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