

# anti-HIC1-RAB-T31



## 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-HIC1-RAB-T31

**Description:** recombinant Fab fragment obtained by recombinant antibody (rAb) phage display recognizing *HIC1* 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* HIC1 **Epitope:** binds to folded domain amino acids 24-149

**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-HIC1-RAB-T31>

## Antigen information

**Protein Name:** Hypermethylated in cancer 1

**HGNC Symbol:** HIC1 **HGNC ID:** 4909 **Species:** *Homo sapiens*

**UniProt AC:** Q14526 **UniProt KB:** HIC1\_HUMAN

**Protein Sequence:**

MKIEEHHHHHHSSGKLGSTGGGLNDIFEAQKIEWHEEDLYFQSAAQPAMEAPGHSRQLLLQLNNQRTKGFLCDVIIVVQNA  
LFRAHKNVLAASSAYLKSLVVDNLLNLDHDMVSPAVFRLVLDFIYTGRLADGAEAAAAA VAPGAEP SLGAVLAAASYLQIP  
DLVALCKKRL

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

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

**Protein Sequence Position:** 24-149 **Antigen source:** *E. coli* **Source Lab:** RAN **Source Lab ID:** Hic1 [4\_45]

**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