

## **Product datasheet for TA330453**

# HACE1 Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-HACE1 antibody is: synthetic peptide directed towards the N-

terminal region of Human HACE1. Synthetic peptide located within the following region:

RARTVELPEDNETAVYTLMPMVMADQHRSVSELLSNSKFDVNYAFGRVKR

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 76 kDa

Gene Name: HECT domain and ankyrin repeat containing E3 ubiquitin protein ligase 1

Database Link: NP 065822

Entrez Gene 57531 Human

Q8IYU2



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#### **HACE1 Rabbit Polyclonal Antibody - TA330453**

Background: HACE1 is a E3 ubiquitin-protein ligase involved in Golgi membrane fusion and regulation of

small GTPases. It acts as a regulator of Golgi membrane dynamics during the cell cycle: recruited to Golgi membrane by Rab proteins and regulates postmitotic Golgi membrane fusion. It acts by mediating ubiquitination during mitotic Golgi disassembly, ubiquitination serving as a signal for Golgi reassembly later, after cell division. HACE1 specifically interacts with GTP-bound RAC1, mediating ubiquitination and subsequent degradation of active RAC1, thereby playing a role in host defense against pathogens. It may also act as a transcription

regulator via its interaction with RARB.

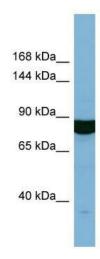
Synonyms: E3 ubiquitin protein ligase 1; HECT domain and ankyrin repeat containing

Note: Immunogen sequence homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit:

100%; Guinea pig: 100%; Dog: 93%; Horse: 93%; Bovine: 93%; Zebrafish: 93%

**Protein Families:** Druggable Genome

### **Product images:**



Host: Rabbit; Target Name: HACE1; Sample Tissue: OVCAR-3 Whole cell lysates; Antibody

Dilution: 1.0ug/ml