

## Anti-HACE1 antibody

---



<b>Description</b>	Unconjugated Rabbit polyclonal to HACE1
<b>Model</b>	STJ190781
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Gene ID</b>	<a href="#">57531</a>
<b>Gene Symbol</b>	<a href="#">HACE1</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	HACE1 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Expressed in multiple tissues including heart, brain and kidney.
<b>Purification</b>	HACE1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	E3 ubiquitin-protein ligase HACE1 HECT domain and ankyrin repeat-containing E3 ubiquitin-protein ligase 1 HECT-type E3 ubiquitin transferase HACE1
<b>Molecular Weight</b>	99 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG

<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:21033OMIM:610876</a>
<b>Alternative Names</b>	E3 ubiquitin-protein ligase HACE1 HECT domain and ankyrin repeat-containing E3 ubiquitin-protein ligase 1 HECT-type E3 ubiquitin transferase HACE1
<b>Function</b>	E3 ubiquitin-protein ligase involved in Golgi membrane fusion and regulation of small GTPases. 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. Acts by mediating ubiquitination during mitotic Golgi disassembly, ubiquitination serving as a signal for Golgi reassembly later, after cell division. Specifically interacts with GTP-bound RAC1, mediating ubiquitination and subsequent degradation of active RAC1, thereby playing a role in host defense against pathogens. May also act as a transcription regulator via its interaction with RARB.
<b>Cellular Localization</b>	Golgi apparatus, Golgi stack membrane. Cytoplasm. Endoplasmic reticulum. A significant portion localizes to the endoplasmic reticulum. Targeted to Golgi membrane via its interaction with Rab proteins.