Anti-HACE1 antibody

Description	Unconjugated Rabbit polyclonal to HACE1

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

Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:21033OMIM:610876
Alternative Names	E3 ubiquitin-protein ligase HACE1 HECT domain and ankyrin repeat-containing E3 ubiquitin-protein ligase 1 HECT-type E3 ubiquitin transferase HACE1
Function	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.
Cellular Localization	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.