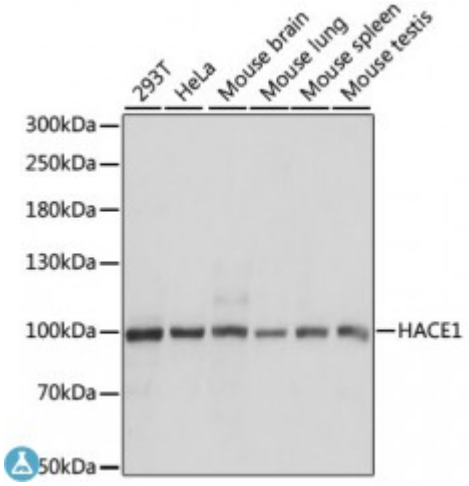
Anti-HACE1 Antibody



Description	This gene encodes a HECT domain and ankyrin repeat-containing ubiquitin ligase. The encoded protein is involved in specific tagging of target proteins, leading to their subcellular localization or proteasomal degradation. The protein is a potential tumor suppressor and is involved in the pathophysiology of several tumors, including Wilm's tumor.

Model	STJ117867
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HACE1 (NP_065822.2).
Gene ID	57531
Gene Symbol	HACE1
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200
Tissue Specificity	Expressed in multiple tissues including heart, brain and kidney
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase HACE1
Molecular Weight	102.342 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:21033OMIM:610876Reactome:R-HSA-983168
Alternative Names	E3 ubiquitin-protein ligase 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,