



# HACE1 Monoclonal Antibody

Catalog No	BYmab-05550
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HACE1 KIAA1320
Protein Name	E3 ubiquitin-protein ligase HACE1 (EC 6.3.2.-) (HECT domain and ankyrin repeat-containing E3 ubiquitin-protein ligase 1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	HACE1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	99kD
Cell Pathway	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.
Tissue Specificity	Expressed in multiple tissues including heart, brain and kidney.
Function	developmental stage:Expressed in fetal and pediatric kidney cells.,function:E3 ubiquitin-protein ligase that may function in cellular proteins degradation.,induction:Down-regulated in sporadic Wilms tumor.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.,similarity:Contains 6 ANK repeats.,subcellular location:A significant portion localizes to the endoplasmic reticulum.,subunit:Interacts with the 26S proteasomal complex through the 20S core proteasomal subunit.,tissue specificity:Expressed in multiple tissues including heart, brain and kidney.,

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Background	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. [provided by RefSeq, Mar 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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