



RHEB Monoclonal Antibody

Catalog No	YP-mAb-10586
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RHEB RHEB2
Immunogen	Synthetic Peptide of RHEB
Specificity	This antibody detects endogenous levels of RHEB Monoclonal Antibody at Human;Mouse;Rat;Predicted:Cow, It doesn't react with total protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RHEB2;Ras homolog enriched in brain;GTP-binding protein Rheb;GTP binding protein Rheb;EC:3.6.5.-;RHEB;RHEB RHEB2
Observed Band	20kD
Calculated Molecular Weight	20kD
Cell Pathway	Endomembrane system ; Lipid-anchor ; Cytoplasmic side . Golgi apparatus membrane ; Lipid-anchor ; Cytoplasmic side . Cytoplasm, cytosol . Endoplasmic reticulum membrane ; Lipid-anchor ; Cytoplasmic side .
Tissue Specificity	Ubiquitous. Highest levels observed in skeletal and cardiac muscle.
Function	function:Not known; binds GTP and exhibits intrinsic GTPase activity., similarity:Belongs to the small GTPase superfamily. Rheb family.,tissue specificity:Ubiquitous. Highest levels observed in skeletal and cardiac muscle.,
Background	This gene is a member of the small GTPase superfamily and encodes a lipid-anchored, cell membrane protein with five repeats of the RAS-related GTP-binding region. This protein is vital in regulation of growth and cell cycle progression due to its role in the insulin/TOR/S6K signaling pathway. The protein has GTPase activity and shuttles between a GDP-bound form and a



GTP-bound form, and farnesylation of the protein is required for this activity. Three pseudogenes have been mapped, two on chromosome 10 and one on chromosome 22. [provided by RefSeq, Jul 2008],

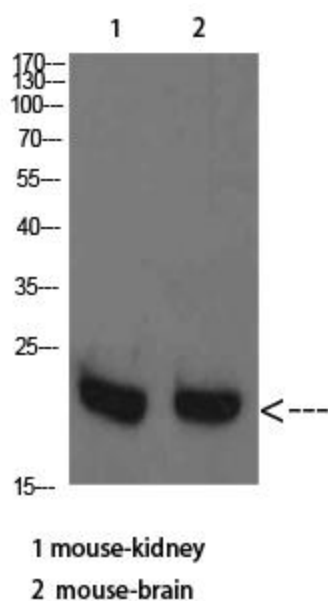
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using RHEB Monoclonal Antibody