Datasheet for ABIN4902224

anti-RHEB antibody

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Overview

Quantity:	100 µL
Target:	RHEB
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHEB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	RHEB is a protein encoded by the RHEB gene which is approximately 20,5 kDa. RHEB is localised to the cytoplasm, Golgi apparatus membrane, cytosol and endoplasmic reticulum membrane. It is involved in the regulation of lipid metabolism, insulin signalling-generic cascades, mTOR signalling, RET signalling, AMP-activated protein kinase signalling and the phospholipase D signalling pathway. The RHEB gene is a member of the small GTPase superfamily and encodes the lipid-anchored, cell membrane protein, RHEB. This protein is vital in regulation of growth and cell cycle progression. RHEB is ubiquitous expressed with highest levels observed in skeletal and cardiac muscle. Mutations in the RHEB can result in tuberous sclerosis. STJ98588 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody binds to endogenous levels of RHEB.
Immunogen:	Synthesized peptide derived from synthetic peptide derived from RHEB.
Isotype:	IgG

Product Details

Specificity:	RHEB Polyclonal Antibody detects endogenous levels of RHEB
Characteristics:	Rabbit Polyclonal to RHEB.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	RHEB
Alternative Name:	RHEB (RHEB Products)
Gene ID:	6009
UniProt:	Q15382
Pathways:	RTK Signaling

Application Details

Application Notes:	WB 1:500-2000 ELISA 1:10000-20000
Comment:	Ubiquitous. Highest levels observed in skeletal and cardiac muscle.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.