



Hard-to-Find Antibody

RHEB DNAxPab

Catalog # H00006009-W01P Size 200 ug

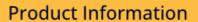
Specification	
Product Description	Rabbit polyclonal antibody raised against a full-length human RHEB DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPQSKSRKIAILGYRSVGKSSLTIQFVEGQFVDSYDPTIENTFTKLITVNGQEYHLQLVDTAGQDEYS IFPQTYSIDINGYILVYSVTSIKSFEVIKVIHGKLLDMVGKVQIPIMLVGNKKDLHMERVISYEEGKALAE SWNAAFLESSAKENQTAVDVFRRIILEAEKMDGAASQGKSSCSVM
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

Western Blot (Transfected lysate)

Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)





Gene Info — RHEB	
Entrez GenelD	<u>6009</u>
GeneBank Accession#	<u>NM_005614.3</u>
Protein Accession#	<u>NP_005605.1</u>
Gene Name	RHEB
Gene Alias	MGC111559, RHEB2
Gene Description	Ras homolog enriched in brain
Omim ID	<u>601293</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene is a member of the small GTPase superfamily and encodes a lipid-anchored, cell mem brane protein with five repeats of the RAS-related GTP-binding region. This protein is vital in regul ation 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 for m, and farnesylation of the protein is required for this activity. Three pseudogenes have been map ped, two on chromosome 10 and one on chromosome 22. [provided by RefSeq
Other Designations	GTP-binding protein Rheb Ras homolog enriched in brain 2

Pathway

- Insulin signaling pathway
- mTOR signaling pathway

Disease

- Genetic Predisposition to Disease
- Urinary Bladder Neoplasms