

DNAxPAb

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 technology. |
| Technology | DNAx™ Immune |
| Immunogen | Full-length human DNA |
| Sequence | MPQSKSRKIALGYRSVGKSSLTIQFVEGQFVDSYDPTIENTFTKLITVNGQEYHLQLVDTAGQDEYS IFPQTYSIDINGYILVYSVTSIKSFEVIKVIHGKLLDMVGKVQIPIMLVGNKKDLHMERSVISYEEGKALAE SWNAAFLESSAKENQTAVDVFRRIIEAEKMDGAASQGKSSCSVM |
| 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 GeneID [6009](#)**GeneBank Accession#** [NM_005614.3](#)**Protein Accession#** [NP_005605.1](#)**Gene Name** RHEB**Gene Alias** MGC111559, RHEB2**Gene Description** Ras homolog enriched in brain**Omim ID** [601293](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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]

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](#)