

## CAB3702

### Product Information

<b>Product SKU:</b>	CAB3702	<b>Gene ID:</b>	6009	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC0827	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse

### Additional Information

<b>Observed MW:</b>	-	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	20kDa	<b>Isotype:</b>	IgG

### Immunogen Information

**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.

**Recommended Dilution:** IF/ICC, 1:50 - 1:200

**Synonyms:** RHEB2; RheB

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 1-100 of human RheB (Q15382).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.