

RHOBTB1 mouse monoclonal antibody (hybridoma)

Catalog # H00009886-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant RHOBTB1.
Immunogen	RHOBTB1 (NP_055651.1, 1 a.a. ~ 696 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDADMDYERPNVETIKCVVVGDNVVGKTRLICARACNTTLTQYQLLATHVPTVWVIDQYRVCQEV LERSRDVVDEVSLSRLWDTFGDHHKDRRFAYGRSDVVVLCFSIANPNSLNHVKSMWYPEIKHF CP RTPVILVGCQLDLRYADLEAVNRARRPLARPIKRGDILPPEKGREVAKEGLPPYYETSVFDQFGI KDVFDNAIRAALISRRHLQFWKSHLKKVQKPLLQAPFLPPKAPPPVIKIECPSMGTNEAACLLDN PLCADVLFILQDQEHIFAHRYLATSSSKFYDLFLMECEESEPNSEGACEKEKQSRDFQGRILSVD PEEEREEGPPRIPQADQWKSSNKSLEALGLEAEGAVPETQTLTGWSKGFIMHREMQVNPISK RMGPMTVVRMDASVQPGPFRTLLQFLYTQQLDEKEKDLVGLAQIAEVLEMFDLRMMVENIMNKE AFMNQEITKAFHVRKANRIKECLSKGTFSQVTFKLDDGAISAHKPLLCSCWMAAMFGGSFVES ANSEVYLPNINKISMQAVLDLYTKQLSPNLDLPLELIALANRFCLPHLVALAEQHAVQELTKAAT SGVGIDGEVLSYLELAQFHNAHQLAAWCLHHICTNYSVCSKFRKEIKSKSADNQEYFERHRWPP VWYLKEEDHYQVRVKREREKEDIALNKHRSRRKWCFWNSSPAVA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RHOBTB1

Entrez GeneID [9886](#)

GeneBank Accession# [NM_014836.3](#)

Protein Accession# [NP_055651.1](#)

Gene Name RHOBTB1

Gene Alias KIAA0740, MGC33059, MGC33841

Gene Description Rho-related BTB domain containing 1

Omim ID [607351](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the Rho family of the small GTPase superfamily. It contains a GTPase domain, a proline-rich region, a tandem of 2 BTB (broad complex, tramtrack, and bric-a-brac) domains, and a conserved C-terminal region. The protein plays a role in small GTPase-mediated signal transduction and the organization of the actin filament system. Alternate splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations OTTHUMP00000019662|OTTHUMP00000019663

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)