



Anti-RHOH (full length) polyclonal antibody (DPAB-DC1853)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | The protein encoded by this gene is a member of the Ras superfamily of guanosine triphosphate (GTP)-metabolizing enzymes. The encoded protein is expressed in hematopoietic cells, where it functions as a negative regulator of cell growth and survival. This gene may be hypermutated or misexpressed in leukemias and lymphomas. Chromosomal translocations in non-Hodgkins lymphoma occur between this locus and B-cell CLL/lymphoma 6 (BCL6) on chromosome 3, leading to the production of fusion transcripts. Alternative splicing in the 5 untranslated region results in multiple transcript variants that encode the same protein. |
| Immunogen | RHOH (AAH14261.1, 1 a.a. ~ 191 a.a) full-length recombinant protein with GST tag. The sequence is MLSSIKCVLVGDSAVGKTSLLVRFTSETFPEAYKPTVYENTGVDVFMMDGIQISLGLWDTA GNDAFRSIRPLSYQQADVLMCYSVANHNSFLNLKNKWIGEIRSNLPCTPVLVVVTQTDQ REMGPHRASCVNAMEGKKLAQDVRAKGYLECSALSNRGVQQVFECAVRTAVNQARRRNRR RLFSINECKIF |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | RHOH ras homolog family member H [Homo sapiens (human)] |
| Official Symbol | RHOH |
| Synonyms | RHOH; ras homolog family member H; TTF; ARHH; rho-related GTP-binding protein RhoH; GTP-binding protein TTF; TTF, translocation three four; ras homolog gene family, member H; |
| Entrez Gene ID | 399 |
| Protein Refseq | NP_001265288 |
| UniProt ID | Q15669 |
| Chromosome Location | 4p13 |
| Pathway | Leukocyte transendothelial migration; Signal Transduction; |
| Function | GTP binding; GTPase inhibitor activity; Rho GTPase binding; kinase inhibitor activity |