



Anti-ARHGEF2 (aa 2-447) polyclonal antibody (DPAB-DC733)

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

PRODUCT INFORMATION

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| Antigen Description | ARHGEF2 (Rho/Rac guanine nucleotide exchange factor (GEF) 2) is a protein-coding gene. Diseases associated with ARHGEF2 include paralysis, and motor neuron disease, and among its related super-pathways are Development Slit-Robo signaling and NRAGE signals death through JNK. GO annotations related to this gene include microtubule binding and phospholipid binding. An important paralog of this gene is ARHGEF12. |
| Immunogen | Recombinant GST fusion protein corresponding to amino acids 2-447 of Arhgef2. |
| Source/Host | Sheep |
| Species Reactivity | Mouse |
| Conjugate | Unconjugated |
| Applications | WB (Transfected lysate), |
| Format | Liquid |
| Size | 50 µg |
| Buffer | In PBS (0.08% sodium azide) |
| Preservative | 0.08% Sodium Azide |
| Storage | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | Arhgef2 rho/rac guanine nucleotide exchange factor (GEF) 2 [Mus musculus (house mouse)] |
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| Official Symbol | ARHGEF2 |
| Synonyms | ARHGEF2; rho/rac guanine nucleotide exchange factor (GEF) 2; GEF; Lfc; P40; GEFH1; LFP40; Lbcl1; GEF-H1; AA408978; mKIAA0651; rho guanine nucleotide exchange factor 2; rhobin; oncogene LFC; LBCS first cousin; lymphoid blast crisis-like 1; guanine nucleotide exchange factor H1; |
| Entrez Gene ID | 16800 |
| Protein Refseq | NP_001185840 |
| UniProt ID | H3BJ45 |
| Chromosome Location | 3 F1; 3 |
| Pathway | Cell death signalling via NRAGE, NRIF and NADE; GPCR downstream signaling; Rho GTPase cycle; Signaling by GPCR |
| Function | Rac GTPase binding; Rac guanyl-nucleotide exchange factor activity; Rho GTPase binding; Rho guanyl-nucleotide exchange factor activity |
