



Anti-RHOA (aa 91-190) polyclonal antibody (DPAB-DC1804)

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

PRODUCT INFORMATION

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| Antigen Description | RHOA (ras homolog family member A) is a protein-coding gene. Diseases associated with RHOA include cerebral cavernous malformations-2, and autosomal dominant nonsyndromic deafness, and among its related super-pathways are Development Slit-Robo signaling and Wnt signaling pathway. GO annotations related to this gene include GTP binding and protein domain specific binding. An important paralog of this gene is RHOB. |
| Immunogen | RHOA (AAH01360.1, 91 a.a. ~ 190 a.a) partial recombinant protein with GST tag. The sequence is SLENIPEKWTPEVKHFPCNPVPIILVGNKKDLRNDHTRRELAKMKQEPVKPEEGRDMANR IGAFGYMECSAKTKDGVREVFEMATRAALQARRGKKKSGC |
| 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 | RHOA ras homolog family member A [Homo sapiens (human)] |
| Official Symbol | RHOA |
| Synonyms | RHOA; ras homolog family member A; ARHA; ARH12; RHO12; RHOH12; transforming protein RhoA; h12; oncogene RHO H12; rho cDNA clone 12; Aplysia ras-related homolog 12; small GTP binding protein RhoA; ras homolog gene family, member A; |
| Entrez Gene ID | 387 |
| Protein Refseq | NP_001655 |
| UniProt ID | A0A024R324 |
| Chromosome Location | 3p21.3 |
| Pathway | AGE/RAGE pathway; Adherens junction; Androgen receptor signaling pathway; Aurora B signaling |
| Function | GTP binding; GTPase activity; myosin binding; protein binding |