# Recombinant Human ARHGAP12 cell lysate

**Cat. No.** ARHGAP12-108HCL **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | |
| **Species** | Human |
| **Description** | RHO GTPases (see ARHA, MIM 165390) that participate in a wide variety of cellular processes are active in their GTP-bound form and inactive in their GDP-bound form. The hydrolysis of GTP and the inactivation of these GTPases are regulated by GTPase-activating proteins (GAPs), such as ARHGAP12 (Zhang et al., 2002 [PubMed 11854031]). |
| **Size** | 100 ul |
| **Storage Buffer** | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| **Applications** | Western Blot; |

## GENE INFORMATION

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| **Gene Name** | ARHGAP12 Rho GTPase activating protein 12 [ Homo sapiens ] |
| **Official Symbol** | ARHGAP12 |
| **Synonyms** | ARHGAP12; Rho GTPase activating protein 12; rho GTPase-activating protein 12; FLJ10971; FLJ20737; FLJ21785; rho-type GTPase-activating protein 12; FLJ45709; DKFZp779N2050; |

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| **Gene ID** | 94134 |
| **mRNA Refseq** | NM_018287 |
| **Protein Refseq** | NP_060757 |
| **MIM** | 610577 |
| **UniProt ID** | Q8IWW6 |
| **Chromosome Location** | 10p11.22 |
| **Pathway** | Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem; |
| **Function** | GTPase activator activity; |

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