Datasheet for ABIN1422074

# anti-ARL6IP5 antibody (Cy7)

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## Overview

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| Quantity: | 100 µL |
| Target: | ARL6IP5 (Arl6ip5) |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ARL6IP5 antibody is conjugated to Cy7 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human JWA |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

## Target Details

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|---|---|
| Target: | ARL6IP5 (Arl6ip5) |
| Alternative Name: | JWA (Arl6ip5 Products) |
| Background: | Synonyms: Addicsin, ADP ribosylation like factor 6 interacting protein 5, Aip 5, Aip5, ARL 6 interacting protein 5, ARL6IP5 antibody Cytoskeleton related vitamin A responsive protein, Dermal papilla derived protein 11, DERP 11, DERP11, Glutamate transporter EEAC 1 associated protein, Glutamate transporter EEAC1 associated protein, GTRAP3 18, Hp 22, Hp22, HSPC 127, |

## Target Details

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| | HSPC127, JM 5, JM5, JMX, PRA 1 domain family 3, PRA 2, PRA1 domain family 3, PRA2, PRAF 3, PRAF3, Prenylated Rab acceptor protein 2, Protein JWa, Putative MAPK activating protein PM27, PRAF3_HUMAN.<br>Background: JWA is a four-transmembrane environmental responsive protein which binds to the CC chemokine recepor 5 (CCR5), a major co-receptor for human immunodeficiency virus (HIV). JWA is involved in environmental stress-responsive pathways in K562 cells, an erythroleukemia cell line derived from patients with chronic myeloid leukemia. Environmental stressors to K562 cells such as heat shock, a higher temperature than the ideal body temperature of the organism from which the cell line was derived, and oxidative stress, the production of oxygen-centered free radicals, regulate and increase the expres-sion of JWA. This response to environmental stressors suggests similiarity of JWA to heat shock protein 70 (HSP70), which is upregulated by heat stress and toxic chemicals. |
| Gene ID: | 10550 |
| Pathways: | Dicarboxylic Acid Transport |

## Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |