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Datasheet for ABIN5005705

**anti-ARL6IP5 antibody (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	ARL6IP5 (Arl6ip5)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL6IP5 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

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

## Target Details

Target:	ARL6IP5 (Arl6ip5)
Alternative Name:	JWA ( <a href="#">Arl6ip5 Products</a> )
Background:	Synonyms: Addicisin, 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

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.

Background: JWA is a four-transmembrane environmental responsive protein which binds to the CC chemokine receptor 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 expression of JWA. This response to environmental stressors suggests similarity 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

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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