Datasheet for ABIN1422076

anti-ARL6IP5 antibody (HRP)

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Overview

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

	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 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

Application Notes:	WB 1:300-5000 IHC-P 1:200-400
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.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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