

JWA Antibody Biotin Conjugated

Catalog No: #C08158B

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Description

Product Name	JWA Antibody Biotin Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human JWA
Conjugates	Biotin
Target Name	JWA
Other Names	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 EEA
Accession No.	NCBI Gene ID10550
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

Western blotting: 1:100-1000 Immunohistochemistry: 1:100-500

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.