Datasheet for ABIN184829

anti-ARL6IP5 antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	ARL6IP5 (Arl6ip5)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ARL6IP5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	GTRAP3-18 / JWA
Immunogen:	Peptide with sequence C-NRLTDYISKVKE, from the C Terminus of the protein sequence according to NP_006398.1.
Sequence:	NRLTDYISKV KE
Isotype:	IgG
Specificity:	C2 passed G1 as 20 kDa in HBR, C2P2 fail in _enh, try HBAM, HBCR, HBFC BP08/10/2021, 22+48 kDa in HBAM-B104, faint 48 kDa in HBAM-B201, multiple bannd in > 37 kDa in both HBCR, multiple bands inclu 22 kDa in both HBFC, opt in HBAM-B201 at 2 µg/mL , rpt HBAM-B10
Cross-Reactivity:	Human

Product Details

Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ARL6IP5 (Arl6ip5)
Alternative Name:	ARL6IP5 (Arl6ip5 Products)
Background:	ARL6IP5, GTRAP3-18, JWA, ADP-ribosylation-like factor 6 interacting protein 5, DERP11, HSPC127, PRAF3, addicsin, hp22, jmx, PRA1 domain family 3, cytoskeleton related vitamin A responsive protein, dermal papilla derived protein 11, glutamate transporter E
Gene ID:	10550
NCBI Accession:	NP_006398
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Tonsil and Small Intestine. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 22 kDa band observed in Human Cerebellumn lysates and in lysates of cell line K562 (calculated MW of 21.6 kDa according to NP_006398.1). An additional band of 75-100 kDa was also observed in some lysates.and was successfully blocked by Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in the ER/ plasma membranes and cytoplasm of A431 cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Wang, Gong, Chen, Liu, Li, Li, Zhou: "JWA regulates XRCC1 and functions as a novel base excision repair protein in oxidative-stress-induced DNA single-strand breaks." in: **Nucleic acids research**, Vol. 37, Issue 6, pp. 1936-50, (2009) (PubMed).

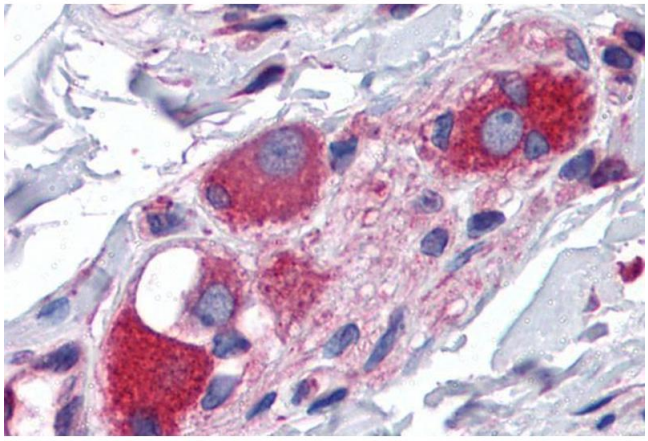
Images

Western Blotting

Image 1. (ABIN184829) (1 µg/mL) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer) . Detected by chemiluminescence.

Western Blotting

Image 2. ABIN184829 staining (0.1µg/ml) of Human Brain lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN184829 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the product details page for more images. Overall 7 images are available for ABIN184829.