

Rabbit anti-Human, Mouse ARL8B Polyclonal Antibody | anti-ARL8B antibody

ARL8B Antibody

CATALOG # AAA323174	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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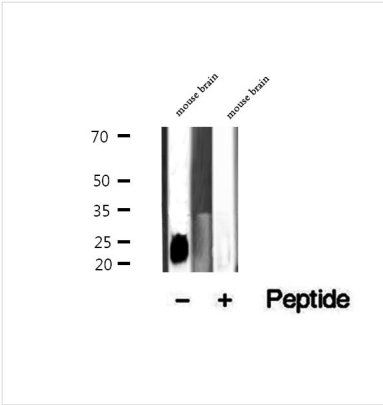
PRODUCT SYNONYMS

ARL8B; Polyclonal Antibody; ARL8B Antibody; ADP ribosylation factor like 10C; ADP-ribosylation factor-like protein 10C; ADP-ribosylation factor-like protein 8B; ARL10C; ARL8B_HUMAN; FLJ10702; Gie1; Novel small G protein indispensable for equal chromosome segregation 1; anti-ARL8B antibody

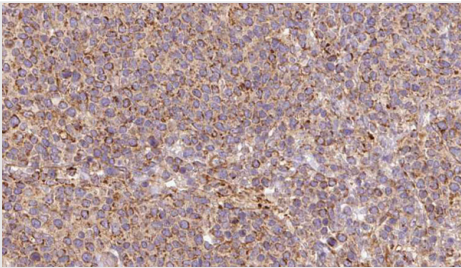
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ARL8B antibody detects endogenous levels of ARL8B.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	186
Applicable Applications for anti-ARL8B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ARL8B.
Subcellular Location	Late Endosome Membrane. Lysosome Membrane. Cytoplasm > Cytoskeleton > Spindle. According to PubMed:15331635, it localizes with microtubules at the spindle mid-zone during mitosis.
Tissue Specificity	Ubiquitously expressed.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

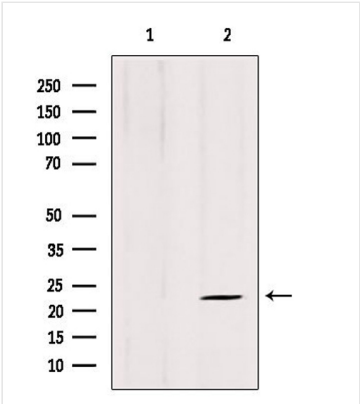
IMAGES



WB (Western Blot)
Western blot analysis of extracts of mouse brain tissue, using ARL8B antibody.



IHC (Immunohiostchemistry)
AAA323174 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from 3T3, using ARL8B antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ARL8B antibody	Function: May play a role in lysosome motility (PubMed:16537643, PubMed:25898167). May play a role in chromosome segregation (PubMed:15331635). Subunit Structure: Interacts with tubulin (PubMed:15331635, Ref. 16). Interacts with BORCS5; recruits ARL8B to lysosomes (PubMed:25898167). Similarity: Belongs to the small GTPase superfamily. Arf family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8922601
NCBI GeneID	55207
NCBI Accession #	NP_060654.1
NCBI GenBank Nucleotide #	NM_018184.2
UniProt Accession #	Q9NVJ2; B4DI85
Molecular Weight	Observed: 22 kDa Predicted: 22 kDa
NCBI Official Full Name	ADP-ribosylation factor-like protein 8B
NCBI Official Synonym Full Names	ADP ribosylation factor like GTPase 8B
NCBI Official Symbol	ARL8B

NCBI Official Synonym Symbols	Gie1; ARL10C
NCBI Protein Information	ADP-ribosylation factor-like protein 8B
UniProt Protein Name	ADP-ribosylation factor-like protein 8B
UniProt Gene Name	ARL8B
UniProt Synonym Gene Names	ARL10C; GIE1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ar18b-antibody-immunohistochemistry-western-blot-elisa/323174>