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ARL8 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11320b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q96KC2
Other Accession	Q9D4P0, NP_848930.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB14674
Calculated MW	20375
Antigen Region	122-154

Additional Information

Gene ID	221079
Other Names	ADP-ribosylation factor-like protein 5B, ADP-ribosylation factor-like protein 8, ARL5B, ARL8
Target/Specificity	This ARL8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-154 amino acids from the C-terminal region of human ARL8.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ARL8 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ARL5B
Synonyms	ARL8

Function Binds and exchanges GTP and GDP.

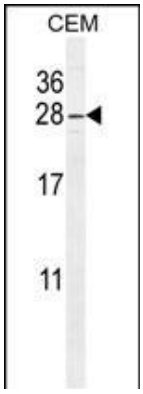
Background

ARL5B (ARL8) belongs to a family of proteins that are structurally similar to ADP-ribosylation factors (ARFs; see MIM 103180). ARLs and ARFs are part of the RAS superfamily of regulatory GTPases.

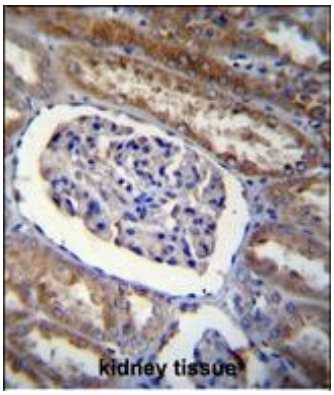
References

Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)
Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005)
Sebald, E., et al. Gene 311, 147-151 (2003) :

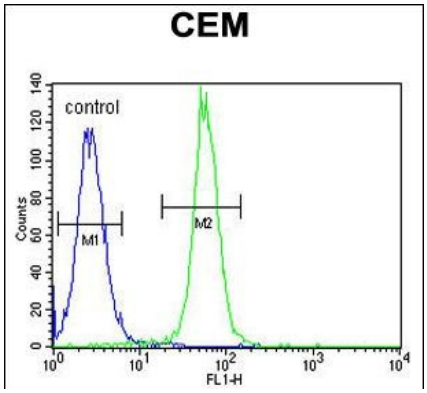
Images



ARL8 Antibody (C-term) (Cat. #AP11320b) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the ARL8 antibody detected the ARL8 protein (arrow).



ARL8 Antibody (C-term) (Cat. #AP11320b)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ARL8 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



ARL8 Antibody (C-term) (Cat. #AP11320b) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.