

Rabbit U119B Polyclonal Antibody | anti-UNC119B antibody

U119B Antibody (C-term)

CATALOG # AAA285371	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Zebrafish, Xenopus)	APPLICATIONS ELISA, Western Blot
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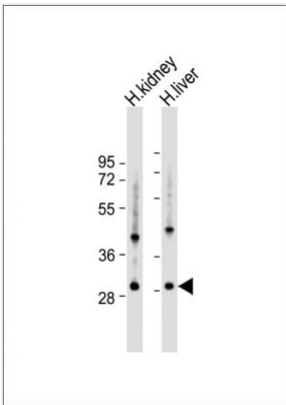
PRODUCT SYNONYMS

U119B; Polyclonal Antibody; U119B Antibody (C-term); Protein unc-119 homolog B; UNC119B; anti-UNC119B antibody

PRODUCT SPECIFICATIONS

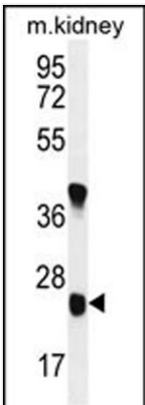
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Zebrafish, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This U119B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 207-236 amino acids from the C-terminal region of human U119B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	207-236
Sequence Length	251
Applicable Applications for anti-UNC119B antibody	ELISA, WB (Western Blot)
Antigen Region	207-236
Function	Myristoyl-binding protein that acts as a cargoadapter: specifically binds the myristoylmoiety of a subset of N-terminallymyristoylated proteins and is required fortheir localization. Binds myristoylated NPHP3and plays a key role in localization of NPHP3to the primary cilium membrane. Does notbind all myristoylated proteins. Probablyplays a role in trafficking proteins inphotoreceptor cells.
Cellular Location	Cell projection, cilium. Note=Enriched at thetransition zone and extended into theproximal end of the cilium
Preparation and 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.

IMAGES



Application Data

All lanes : U119B Antibody (C-term) at 1:1000 dilution Lane 1: human kidney lysate Lane 2: human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa
Blocking/Dilution buffer: 5% NFD/TBST.



WB (Western Blot)

U119B Antibody (C-term) western blot analysis in mouse kidney tissue lysates (35µg/lane). This demonstrates the U119B antibody detected the U119B protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-UNC119B antibody	Cell Biology
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Scherer, S.E., et al. Nature 440(7082):346-351(2006) Venter, J.C., et al. Science 291(5507):1304-1351(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937500
NCBI GeneID	84747
NCBI Accession #	NP_001074002.1
NCBI GenBank Nucleotide #	NM_001080533.2
UniProt Accession #	A6NIH7
NCBI Official Full Name	protein unc-119 homolog B
NCBI Official Synonym Full Names	unc-119 lipid binding chaperone B
NCBI Official Symbol	UNC119B
NCBI Official Synonym Symbols	POC7B
NCBI Protein Information	protein unc-119 homolog B
UniProt Protein Name	Protein unc-119 homolog B
UniProt Gene Name	UNC119B
UniProt Entry Name	U119B_HUMAN

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.