

DATASHEET

MYO18A Rabbit Polyclonal Antibody

CAT. NO. APA14855

KEY FEATURES

Target	MYO18A	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

May link Golgi membranes to the cytoskeleton and participate in the tensile force required for vesicle budding from the Golgi. Thereby, may play a role in Golgi membrane trafficking and could indirectly give its flattened shape to the Golgi apparatus. Alternatively, in concert with LURAP1 and CDC42BPA/CDC42BPB, has been involved in modulating lamellar actomyosin retrograde flow that is crucial to cell protrusion and migration. May be involved in the maintenance of the stromal cell architectures required for cell to cell contact. Regulates trafficking, expression, and activation of innate immune receptors on macrophages. Plays a role to suppress inflammatory responsiveness of macrophages via a mechanism that modulates CD14 trafficking.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

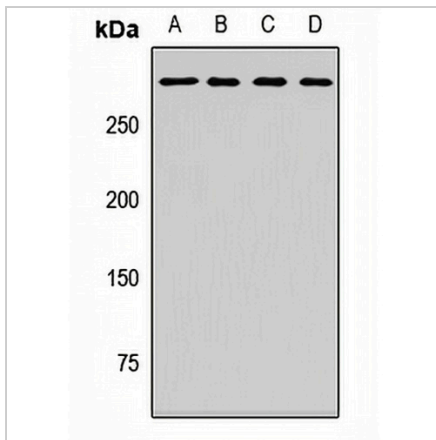
Description	Rabbit polyclonal antibody to MYO18A
Specificity	Recognizes endogenous levels of MYO18A protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MYO18A
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 180; Observed: 260 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA0216; MYSPDZ; Unconventional myosin-XVIIa; Molecule associated with JAK3 N-terminus; MAJN; Myosin containing a PDZ domain
Gene Symbol	MYO18A
Entrez Gene	399687(Human); 360013(Mouse)
SwissProt	Q92614(Human); Q9JMH9(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of MYO18A expression in Hela (A), Jurkat (B), mouse brain (C), rat brain (D) whole cell lysates. (Predicted band size: 180; 196; 226; 231; 233 kD; Observed band size: 260 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.