

DATASHEET

Flightless-1 Rabbit Polyclonal Antibody

CAT. NO. APA15644

KEY FEATURES

Target	Flightless-1	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB, IHC	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

Is a regulator of actin polymerization, required for proper myofibril organization and regulation of the length of sarcomeric thin filaments . It also plays a role in the assembly of cardiomyocyte cell adhesion complexes . Regulates cytoskeletal rearrangements involved in cytokinesis and cell migration, by inhibiting Rac1-dependent paxillin phosphorylation . May play a role as coactivator in transcriptional activation by hormone-activated nuclear receptors (NR) and acts in cooperation with NCOA2 and CARM1 and acts in cooperation with NCOA2 and CARM1 . Involved in estrogen hormone signaling.

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
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to Flightless-1
Specificity	Recognizes endogenous levels of Flightless-1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Flightless-1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 138; Observed: 160 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	FLIL; Protein flightless-1 homolog
Gene Symbol	FLII
Entrez Gene	2314(Human); 14248(Mouse)
SwissProt	Q13045(Human); Q9JJ28(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.

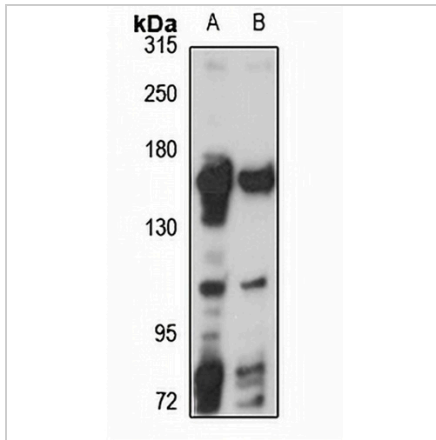
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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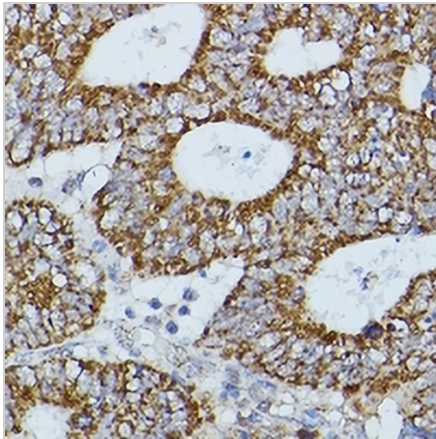
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Western blot analysis of Flightless-1 expression in HeLa (A), Jurkat (B) whole cell lysates. (Predicted band size: 138; 143; 144 kD; Observed band size: 160 kD)



Immunohistochemical analysis of Flightless-1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.