

DATASHEET

Sec5 Rabbit Polyclonal Antibody

CAT. NO. APA13245

KEY FEATURES

Target	Sec5	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	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

Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.

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
IF/ICC	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 Sec5
Specificity	Recognizes endogenous levels of Sec5 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Sec5
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 104 kD; Observed: 108 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	SEC5; SEC5L1; Exocyst complex component 2; Exocyst complex component Sec5
Gene Symbol	EXOC2
Entrez Gene	55770(Human); 66482(Mouse); 171455(Rat)
SwissProt	Q96KP1(Human); Q9D4H1(Mouse); O54921(Rat)

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

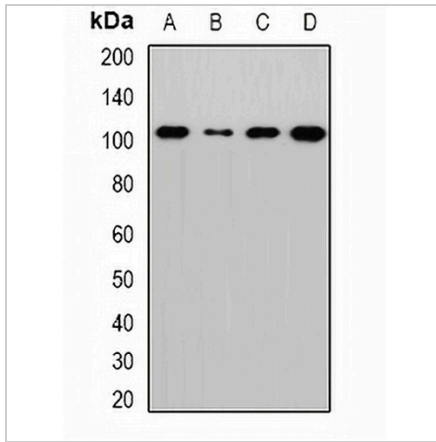
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

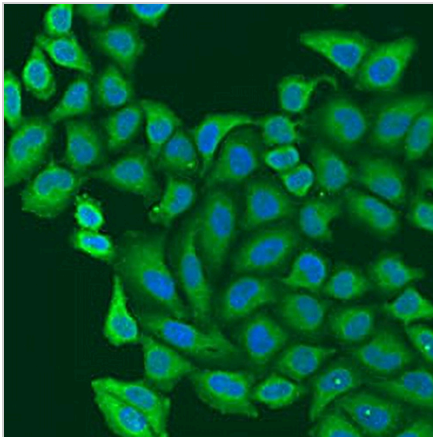
Sec5 Rabbit Polyclonal Antibody

CAT. NO. APA13245

DATA



Western blot analysis of Sec5 expression in MCF7 (A), HeLa (B), mouse lung (C), rat brain (D) whole cell lysates. (Predicted band size: 104 kD; Observed band size: 108 kD)



Immunofluorescent analysis of Sec5 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 488 -conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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.