

ARG45958 anti-SPAG4L antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SPAG4L
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SPAG4L
Species	Human
Immunogen	Recombinant protein containing to human SPAG4L.
Conjugation	Un-conjugated
Alternate Names	Sad1 And UNC84 Domain Containing 5; SUN5; SPAG4L; TSARG4; SUN domain-containing protein 5; Sad1 and UNC84 domain-containing protein 5; Sperm-associated antigen 4-like protein; Testis and spermatogenesis-related gene 4 protein

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	50 kDa	

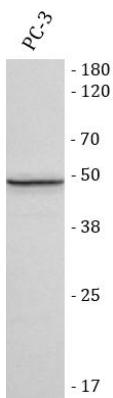
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -22°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

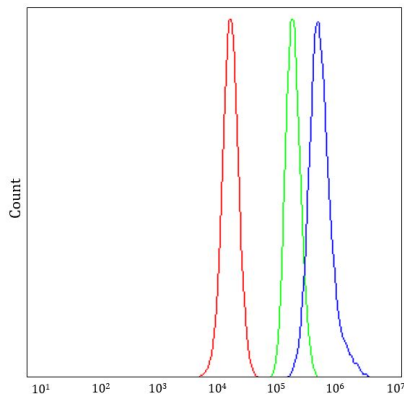
Gene Symbol	SUN5
Gene Full Name	Sad1 And UNC84 Domain Containing 5
Background	The protein encoded by this gene appears to play a role in the meiotic stage of spermatogenesis. The encoded protein localizes to the junction between the sperm head and body and may be involved in nuclear envelope reconstitution and nuclear migration. Mutations in this gene have been implicated in acephalic spermatozoa syndrome. [provided by RefSeq, Jul 2008]
Function	Plays an essential role in anchoring sperm head to the tail. Is responsible for the attachment of the coupling apparatus to the sperm nuclear envelope. [UniProt]
Calculated Mw	43 kDa
PTM	Glycoprotein. [UniProt]. [UniProt]
Cellular Localization	Nucleus; Golgi apparatus / Trans-Golgi network; Membrane. [UniProt]

Images



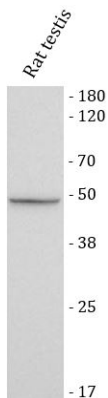
ARG45958 anti-SPAG4L antibody WB image

Western blot: PC-3 stained with ARG45958 anti-SPAG4L antibody at 0.5 µg/ml dilution.



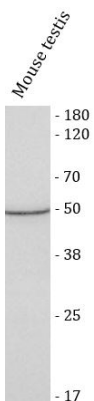
ARG45958 anti-SPAG4L antibody FACS image

Flow Cytometry: PC-3 stained with ARG45958 anti-SPAG4L antibody at 1 µg/10^6 cells dilution.



ARG45958 anti-SPAG4L antibody WB image

Western blot: Rat testis stained with ARG45958 anti-SPAG4L antibody at 0.5 µg/ml dilution.



ARG45958 anti-SPAG4L antibody WB image

Western blot: Mouse testis stained with ARG45958 anti-SPAG4L antibody at 0.5 µg/ml dilution.