

ARG59600
anti-DNAL4 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DNAL4
Tested Reactivity	Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DNAL4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-105 of Human DNAL4 (NP_005731.1).
Conjugation	Un-conjugated
Alternate Names	PIG27; Dynein light chain 4, axonemal; MRMV3

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat testis and Mouse testis	
Observed Size	12 kDa	

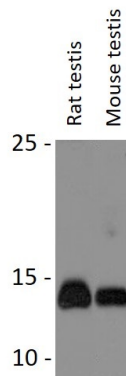
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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 -20°C. 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	DNAL4
Gene Full Name	dynein, axonemal, light chain 4
Background	This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. [provided by RefSeq, Dec 2014]
Function	Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity (By similarity). [UniProt]
Calculated Mw	12 kDa
Cellular Localization	Cytoplasm, cytoskeleton, cilium axoneme. [UniProt]

Images



ARG59600 anti-DNAL4 antibody WB image

Western blot: 25 µg of Rat testis and Mouse testis lysates stained with ARG59600 anti-DNAL4 antibody at 1:1000 dilution.