

For Research Use Only

STRA8 Monoclonal antibody

Catalog Number: 68071-1-Ig **3 Publications**



Basic Information

Catalog Number: 68071-1-Ig	GenBank Accession Number: NM_182489	Purification Method: Protein G purification
Concentration: 1000 ug/ml	GeneID (NCBI): 346673	CloneNo.: 1D7E3
Source: Mouse	UNIPROT ID: Q7Z7C7	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG1	Full Name: stimulated by retinoic acid gene 8 homolog (mouse)	
Immunogen Catalog Number: AG29680	Calculated MW: 37 kDa	
	Observed MW: 43-60 kda	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Cited Applications: WB, IF	WB : human testis tissue, rabbit testis tissue, mouse testis tissue
Species Specificity: human, mouse, rabbit	
Cited Species: mouse	

Background Information

Stimulated by retinoic acid 8 (Stra8), one of genes induced by retinoic acid (RA), is required for the meiotic initiation of male spermatogenesis. Stimulated by Retinoic Acid Gene 8 (STRA8) protein has been proposed as the molecular effector of Retinoic Acid (RA) involved in meiosis-inductive activity. Stra8 is a 45-kDa vertebrate-specific gene, without significant homologous proteins, expressed in the cytoplasm and nuclei of germ cells between mitosis and meiosis and presents exclusively in the embryonic and postnatal gonads of mammals. (PMID: 30106128, PMID: 31253359)

Notable Publications

Author	Pubmed ID	Journal	Application
Tianxin Zhao	36493639	J Hazard Mater	WB
Jingyi Ren	39282919	Food Funct	WB
Yifan Hong	37364752	Environ Pollut	WB,IF

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

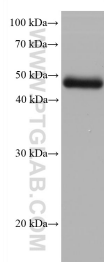
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Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 68071-1-Ig (STRA8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.