

For Research Use Only

LRRC18 Polyclonal antibody

Catalog Number: 24571-1-AP



Basic Information

Catalog Number: 24571-1-AP	GenBank Accession Number: BC036722	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop and 393 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 474354	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q8N456	
Isotype: IgG	Full Name: leucine rich repeat containing 18	
Immunogen Catalog Number: AG20996	Calculated MW: 261 aa, 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:

WB, IP, IHC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse testis tissue,

IP : mouse testis tissue,

IHC : human testis tissue,

Background Information

Leucine rich repeat containing protein 18 (LRRC18) encodes a 261 amino-acids protein (29.6 kDa), which contains 7 leucine rich repeat and belongs to LRR superfamily. The function of protein is still non-known, but it may be involved in the regulation of spermatogenesis and sperm maturation. The protein localizes in cytoplasm and express in some male reproduction tissues.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

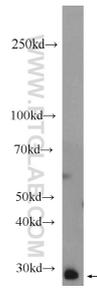
For technical support and original validation data for this product please contact:

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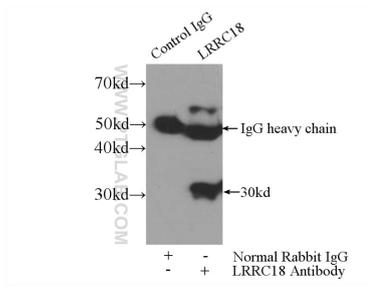
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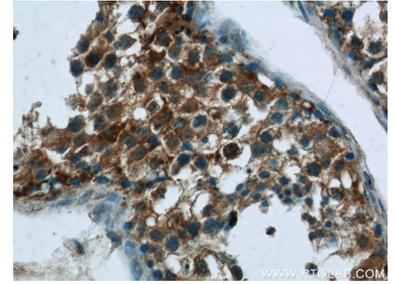
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 24571-1-AP (LRRC18 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-LRRC18 (IP:24571-1-AP, 3ug; Detection:24571-1-AP 1:500) with mouse testis tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24571-1-AP (LRRC18 Antibody) at dilution of 1:50 (under 40x lens).