

For Research Use Only

STAR Recombinant antibody, PBS Only



Catalog Number: 80751-1-PBS

Basic Information

Catalog Number: 80751-1-PBS	GenBank Accession Number: BC010550	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 6770	CloneNo.: 5M6
Source: Rabbit	UNIPROT ID: P49675	
Isotype: IgG	Full Name: steroidogenic acute regulatory protein	
Immunogen Catalog Number: AG2862	Calculated MW: 285 aa, 32 kDa	
	Observed MW: 32 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC, IF

Species Specificity:
Human, rat, pig, mouse

Background Information

Steroidogenic acute regulatory protein (StAR) is a key player in acute regulation of hormone-induced steroidogenesis, by facilitating cholesterol transport from cellular stores to inner mitochondria membrane where the cholesterol was converted to pregnenolone. StAR is prevalently expressed in mitochondria of steroid-producing adrenal and gonadal tissue.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

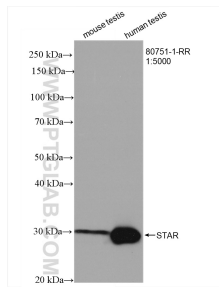
T: 4006900926

E: Proteintech-CN@ptglab.com

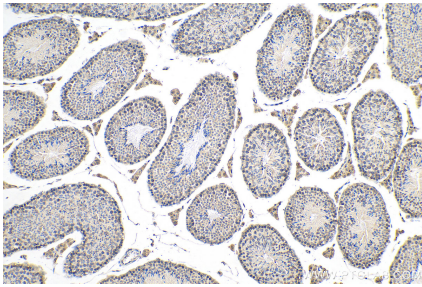
W: ptgcn.com

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Selected Validation Data



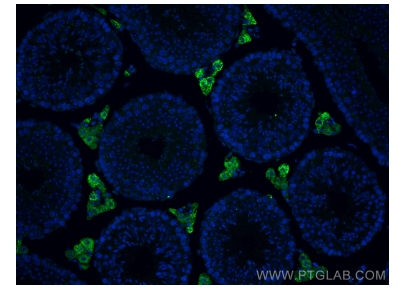
Various lysates were subjected to SDS PAGE followed by western blot with 80751-1-RR (STAR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80751-1-PBS in a different storage buffer formulation.



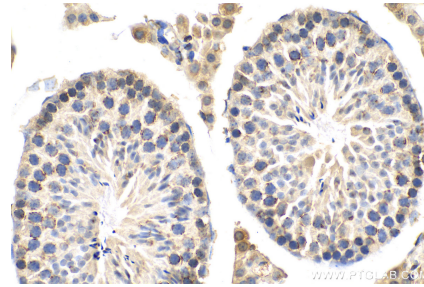
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 80751-1-RR (STAR antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 80751-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 80751-1-RR (STAR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80751-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using STAR antibody (80751-1-RR, Clone: 5M6) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 80751-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 80751-1-RR (STAR antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 80751-1-PBS in a different storage buffer formulation.