

For Research Use Only

# STAR Monoclonal antibody, PBS Only

Catalog Number: 67130-1-PBS



## Basic Information

Catalog Number: 67130-1-PBS	GenBank Accession Number: BC010550	Purification Method: Protein G purification
Concentration: 1mg/ml	GeneID (NCBI): 6770	CloneNo.: 1G6E6
Source: Mouse	UNIPROT ID: P49675	
Isotype: IgG1	Full Name: steroidogenic acute regulatory protein	
Immunogen Catalog Number: AG28698	Calculated MW: 285 aa, 32 kDa	
	Observed MW: 28-32 kDa	

## Applications

**Tested Applications:**  
WB, IF-P, IF-Fro, Indirect ELISA

**Species Specificity:**  
human, mouse, rat, pig

## 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.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

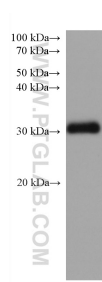
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

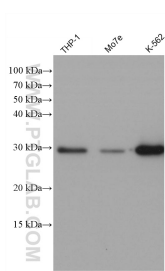
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

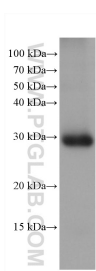
## Selected Validation Data



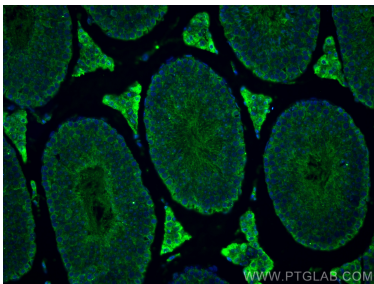
pig adrenal gland tissue were subjected to SDS PAGE followed by western blot with 67130-1-Ig (STAR antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67130-1-PBS in a different storage buffer formulation.



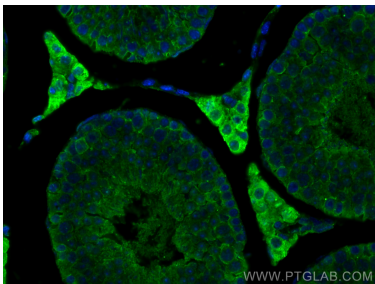
Various lysates were subjected to SDS PAGE followed by western blot with 67130-1-Ig (STAR antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67130-1-PBS in a different storage buffer formulation.



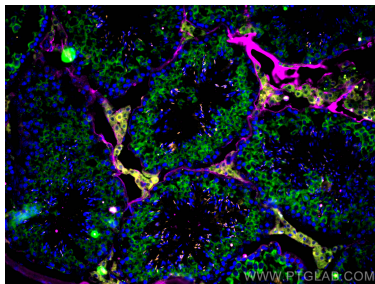
human adrenal gland tissue were subjected to SDS PAGE followed by western blot with 67130-1-Ig (STAR antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67130-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using STAR antibody (67130-1-Ig, Clone: 1G6E6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67130-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using STAR antibody (67130-1-Ig, Clone: 1G6E6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67130-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed frozen OCT-embedded mouse testis tissue using 67130-1-Ig (STAR antibody) at dilution of 1:400, CoraLite®555 CL555-17178 (TNP1 antibody, orange) and CoraLite® Plus 488 CL488-13720 (BOULE antibody, green). This data was developed using the same antibody clone with 67130-1-PBS in a different storage buffer formulation.