

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
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	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

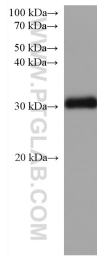
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

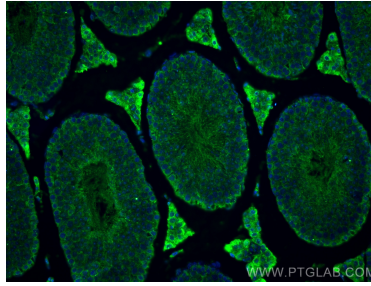
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

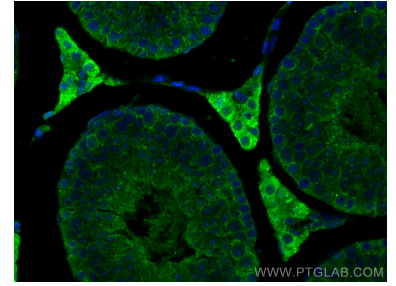
Selected Validation Data



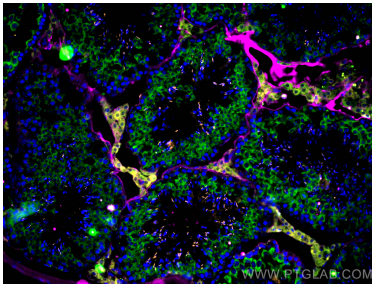
pig adrenal gland tissue were subjected to SDS PAGE followed by western blot with 67130-1-Ig (STAR antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67130-1-PBS in a different storage buffer formulation.



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.