

For Research Use Only

STAR Monoclonal antibody

Catalog Number: 67130-1-Ig **3 Publications**



Basic Information

Catalog Number: 67130-1-Ig	GenBank Accession Number: BC010550	Purification Method: Protein G purification
Size: 150ul , Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6770	CloneNo.: 1G6E6
Source: Mouse	Full Name: steroidogenic acute regulatory protein	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG1	Calculated MW: 285 aa, 32 kDa	
Immunogen Catalog Number: AG28698	Observed MW: 28-32 kDa	

Applications

Tested Applications:

IF, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

Human, rat, pig, mouse

Cited Species:

mouse, pig

Positive Controls:

WB : pig adrenal gland tissue, human testis tissue, K-562 cells, rat adrenal gland tissue, rat testis tissue, THP-1 cells

IF : mouse testis tissue,

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

Notable Publications

Author	Pubmed ID	Journal	Application
Kai Wang	37742481	Theriogenology	IF
Yong Zou	37468076	Toxicol Appl Pharmacol	IHC,WB
Pengyun Ling	37031914	Mol Cell Endocrinol	IF

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

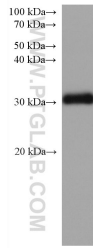
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

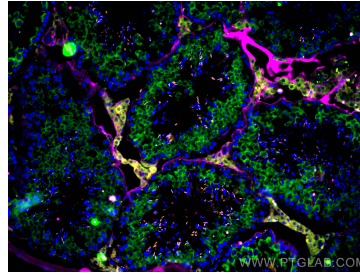
E: proteintech@ptglab.com
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Selected Validation Data



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.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using STAR antibody (67130-1-Ig, Clone: 1G6E6) at dilution of 1:400, CoraLite® 555 TNP1 antibody (CL555-17178, orange), CoraLite® Plus 488 BOULE antibody (CL488-13720, green).