

For Research Use Only

STAR Monoclonal antibody, PBS Only



Catalog Number: 67130-1-PBS

Basic Information

Catalog Number:

67130-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28698

GenBank Accession Number:

BC010550

GeneID (NCBI):

6770

UNIPROT ID:

P49675

Full Name:

steroidogenic acute regulatory protein

Calculated MW:

285 aa, 32 kDa

Observed MW:

28-32 kDa

Purification Method:

Protein G purification

CloneNo.:

1G6E6

Applications

Tested Applications:

WB, Indirect ELISA, 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:

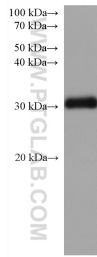
T: 4006900926

E: Proteintech-CN@ptglab.com

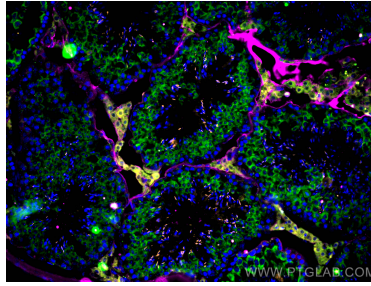
W: ptgcn.com

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Selected Validation Data



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 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.