

STAR Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50285

Clone# BP6262

Predicted Molecular Wt: 32kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P49675

Background:

STAR is a 32kD protein, which plays a key role in steroid hormone synthesis by enhancing the metabolism of cholesterol into pregnenolone. STAR mediates the transfer of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane where it is cleaved to pregnenolone.

STAR is mainly expressed in adrenal cortex and its source tumors. In addition, STAR is also expressed in testicular stromal cells, follicular membrane cells and luteal cells of the ovary.

Deficiency disease with STAR can lead to type 1 adrenal hyperplasia (AH1). It can diagnose type 1 adrenal hyperplasia (AH1) disease.

Subcellular location:

Cytoplasm

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide. This information is proprietary to Biolynx.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

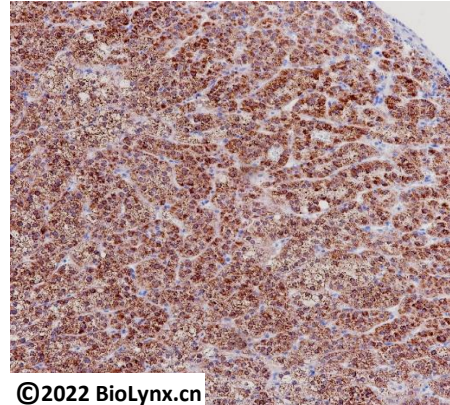
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

1. Wang J et al. J Cell Mol Med 25:3460-3468 (2021).
2. Asiabi P et al. Biol Reprod 102:145-155 (2020).



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human adrenocortical adenoma labelling STAR with BP6262.

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.