

STAR rabbit monoclonal antibody

Catalog # H00006770-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human STAR peptide using ARM Technology.
Immunogen	A synthetic peptide of human STAR is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human STAR peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — STAR

Entrez GeneID [6770](#)

GeneBank Accession# [STAR](#)

Gene Name STAR

Gene Alias STARD1

Gene Description steroidogenic acute regulatory protein

Omim ID [201710 600617](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene plays a key role in the acute regulation of steroid hormone synthesis by enhancing the conversion of cholesterol into pregnenolone. This protein permits the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane. Mutations in this gene are a cause of congenital lipoid adrenal hyperplasia (CLAH), also called lipoid CAH. A pseudogene of this gene is located on chromosome 13. [provided by RefSeq]

Other Designations START domain containing 1|StAR-related lipid transfer (START) domain containing 1|cholesterol trafficker|mitochondrial steroid acute regulatory protein|steroid acute regulatory protein|steroidogenic acute regulator

Disease

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- [Alzheimer disease](#)
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- [Diabetes Mellitus](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
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- [Kidney Failure](#)

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