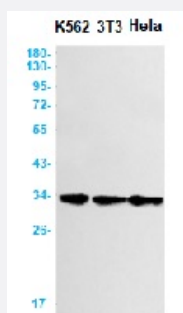


RecomAb™

STAR recombinant monoclonal antibody, clone R04-5G9

Catalog # RAB01695 Size 100 uL

Applications



Western Blot

Western blot analysis of StAR in K562, 3T3, HeLa lysates using human StAR recombinant monoclonal antibody, clone R04-5G9 (Cat # RAB01695).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human StAR.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human StAR
Theoretical MW (kDa)	Calculated MW: 32 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1,000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of StAR in K562, 3T3, Hela lysates using human StAR recombinant monoclonal antibody, clone R04-5G9 (Cat # RAB01695).

Gene Info — STAR

Entrez GeneID[6770](#)**Protein Accession#**[P49675](#)**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 lipid adrenal hyperplasia (CLAH), also called lipid 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

- [Addison Disease](#)
- [Alzheimer disease](#)

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)