

StAR Rabbit pAb

Catalog No.: A1035

12 Publications

Basic Information

Observed MW

28kDa

Calculated MW

32kDa

Category

Primary antibody

Applications

ELISA, WB, IP

Cross-Reactivity

Human, Mouse

Background

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.

Recommended Dilutions

WB 1:100 - 1:500

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

6770

Swiss Prot

P49675

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 64-285 of human StAR (NP_000340.2).

Synonyms

STARD1; StAR

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

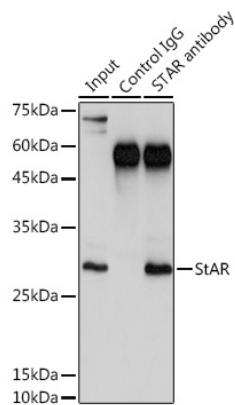
Affinity purification

Storage

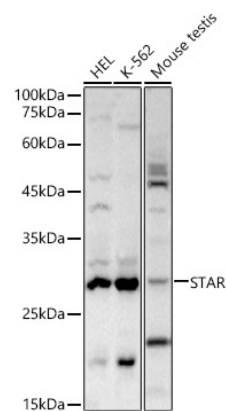
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Immunoprecipitation analysis of 300 µg extracts of K-562 cells using 3 µg StAR antibody (A1035). Western blot was performed from the immunoprecipitate using StAR antibody (A1035) at a dilution of 1:1000.



Western blot analysis of various lysates using StAR Rabbit pAb (A1035) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.