

## STAR rabbit pAb

Cat No.: ES10315

For research use only

## Overview

Product Name STAR rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Rat; Mouse

Recommended dilutions WB 1:500-2000 ELISA 1:5000-20000

Immunogen Synthesized peptide derived from part region of

human protein

**Specificity** STAR Polyclonal Antibody detects endogenous levels

of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

**Protein Name** Steroidogenic acute regulatory protein,

mitochondrial (StAR) (START domain-containing

protein 1) (StARD1)

Gene Name STAR STARD1
Cellular localization Mitochondrion .

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 31kD
Human Gene ID 6770
Human Swiss-Prot Number P49675

**Alternative Names** 

**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

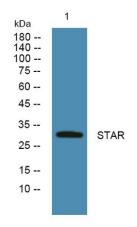
mitochondrial membrane to the inner mitochondrial



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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, Jul 2008],

Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night



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