

STAR Rabbit pAb

CatalogNo: YN1369

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse

Applications

- WB,ELISA

MW

- 31kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

STAR Polyclonal Antibody detects endogenous levels of protein.

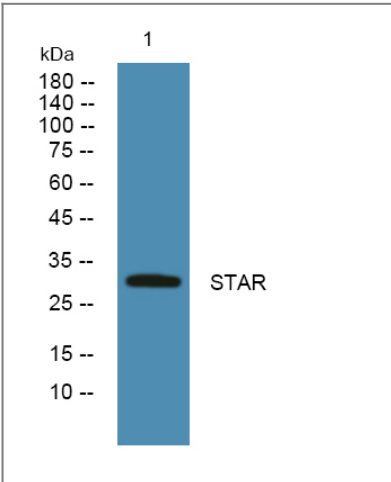
Target Information

Gene name

STAR STARD1

Protein Name	Steroidogenic acute regulatory protein, mitochondrial (StAR) (START domain-containing protein 1) (StARD1)		
	Organism	Gene ID	UniProt ID
	Human	6770;	P49675;
	Mouse		P51557;
	Rat		P97826;
Cellular Localization	Mitochondrion .		
Tissue specificity	Expressed in gonads, adrenal cortex and kidney.		
Function	<p>Disease:Defects in STAR are a cause of congenital lipoid adrenal hyperplasia (CLAH) [MIM:201710]; also called lipoid CAH. CLAH is the most severe form of adrenal hyperplasia. This autosomal recessive and potentially lethal condition includes the onset of profound adrenocortical insufficiency shortly after birth, hyperpigmentation reflecting increased production of pro-opiomelanocortin, elevated plasma renin activity as a consequence of reduced aldosterone synthesis, and male pseudohermaphroditism resulting from deficient fetal testicular testosterone synthesis. CLAH is a rare disease, except in Japan and Korea where it accounts for a significant percentage of cases of congenital adrenal hyperplasia.,Function:Plays a key role in steroid hormone synthesis by enhancing the metabolism of cholesterol into pregnenolone. Mediates the transfer of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane where it is cleaved to pregnenolone.,online information:Steroidogenic acute regulatory protein entry,pathway:Steroid metabolism; cholesterol metabolism.,similarity:Contains 1 START domain.,subunit:May interact with TSPO.,tissue specificity:Expressed in gonads, adrenal cortex and kidney.,</p>		

| Validation Data



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

| Contact information

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STAR Rabbit pAb

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