

## StAR Recombinant antibody

**Cat:B32170R**
**Company:** Haokebio

**Uniprot ID:**P49675

**Applications:** IHC:1:100-1:200

**Organism:**Rabbit

IHC-Polymer:1:400-1:800

**Species reactivity:**Human

TSA:1:500-1:1000

### Background:

Steroidogenic Acute Regulatory Protein (StAR) is a 32 kDa protein that plays a key role in steroid hormone synthesis by facilitating the metabolism of cholesterol to pregnenolone. StAR mediates the transfer of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane, where it is cleaved into pregnenolone. StAR is mainly expressed in the adrenal cortex and its derived tumors. Additionally, StAR is also expressed in the Leydig cells, theca cells, and luteal cells of the ovary. Deficiency of StAR can lead to type 1 adrenal hyperplasia (AH1); therefore, StAR can be used for the diagnosis of type 1 adrenal hyperplasia (AH1).

### Protein full name:

steroidogenic acute regulatory protein

### Synonyms:

START domain-containing protein 1, STARD1

### Immunogen:

Peptide

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

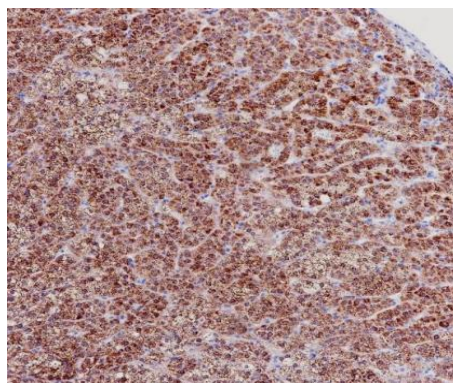
### Storage:

Store at -20 °C for one year.

### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Human Adrenal cortical adenoma tissue, 4% PFA 12-24h

### Source of Reagents:

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发表[英文论文]请标注:StAR(B32170R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.