

## STAR Recombinant antibody

**Cat:**B36215S

**Company:** HaoKebio

**Uniprot ID:**P49675

**Applications:** IHC:1:250-1:1000

**Organism:**Rabbit

IHC-Polymer:1:1000-1:4000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:1200-1:5000

**Molecular Weight Calculation:** 285 aa, 32 kDa

IF:1:50

**Observed Molecular Weight:** 32 kDa

WB:1:2000-1:10000

### Background:

Steroidogenic acute regulatory protein (StAR) is a key player in acute regulation of hormone-induced steroidogenesis, by facilitating cholesterol transport from cellular stores to inner mitochondrial membrane where the cholesterol was converted to pregnenolone. StAR is prevalently expressed in mitochondria of steroid-producing adrenal and gonadal tissue.

### Synonyms:

START domain-containing protein 1, STARD1, 5M6

### Immunogen:

Recombinant protein

### 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:

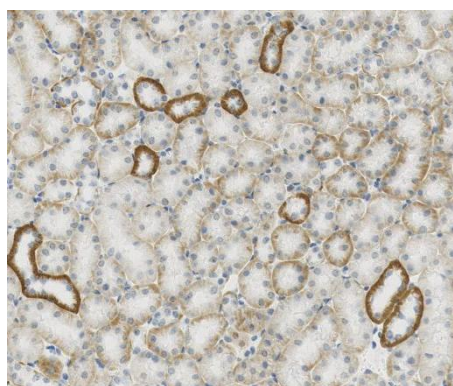
Store at -20 °C for one year.

### Experimental procedure:

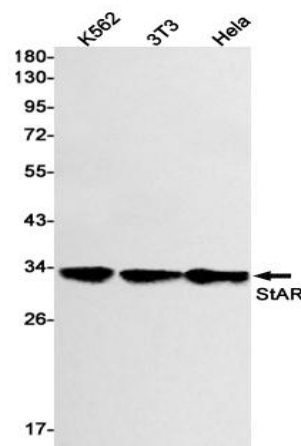
Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody,

4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse kidney, 4% PFA 12-24h



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

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