

Product datasheet for **TA350457**

STAR Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: 231 cells IHC: 25-100 Positive control: Human lung cancer Predicted cell location: Cell membrane and Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human STAR
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	steroidogenic acute regulatory protein
Database Link:	NP_001007244 Entrez Gene 20845 Mouse Entrez Gene 25557 Rat Entrez Gene 6770 Human P49675



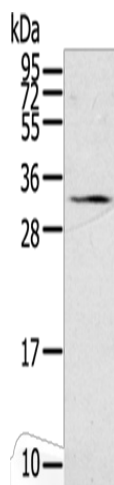
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Background: The protein encoded by this gene plays a key role in the acute regulation of steroid hormone synthesis by enhancing the conversion of cholesterol into pregnenolone. This protein permits the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane. Mutations in this gene are a cause of congenital lipid adrenal hyperplasia (CLAH), also called lipid CAH. A pseudogene of this gene is located on chromosome 13.

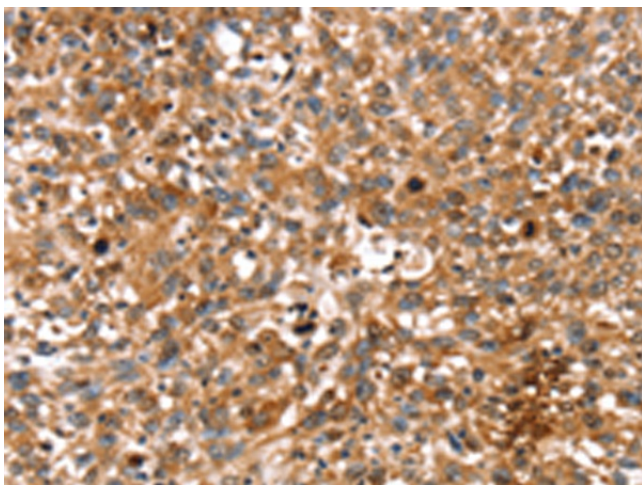
Synonyms: cholesterol trafficker; mitochondrial steroid acute regulatory protein; StAR-related lipid transfer (START) domain containing 1; STARD1; START domain containing 1; steroid acute regulatory protein; steroidogenic acute regula; steroidogenic acute regulator

Protein Families: Druggable Genome

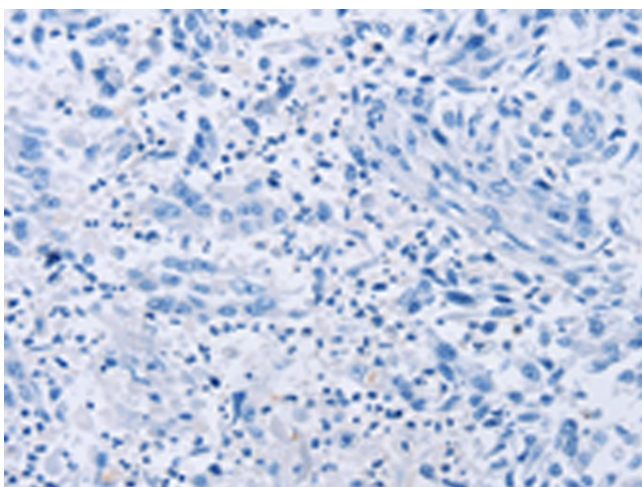
Product images:



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: 231 cells
Primary antibody: TA350457 (STAR Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA350457 (STAR Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA350457 (STAR Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: $\times 200$)