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StAR Rabbit mAb

Catalog # AP74919

Product Information

Application	WB, IHC-P
Primary Accession	P49675
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	31914

Additional Information

Gene ID	6770
Other Names	STAR
Dilution	WB~~1:2000-1:5000 IHC-P~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

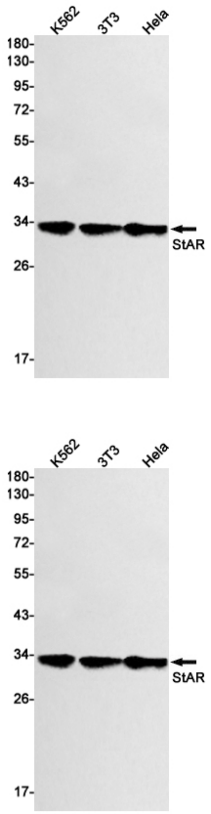
Protein Information

Name	STAR (HGNC:11359)
Synonyms	STARD1
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.
Cellular Location	Mitochondrion outer membrane. Mitochondrion matrix. Note=Works only on the mitochondrion outer membrane, rather than in the matrix to which it is targeted
Tissue Location	Expressed in gonads, adrenal cortex and kidney.

Background

Steroidogenic acute regulatory protein (StAR) plays a significant role in cholesterol transport from the cytoplasmic outer membrane to the inner mitochondrial membrane.

Images



Western blot analysis of StAR in K562, 3T3, Hela lysates using StAR antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.