

Rabbit STAR Polyclonal Antibody | anti-STAR antibody

STAR Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313669	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

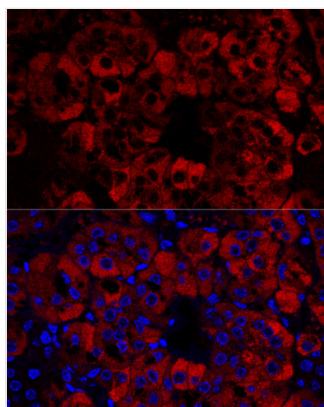
PRODUCT SYNONYMS

STAR; Polyclonal Antibody; STAR Rabbit Polyclonal Antibody; STARD1; anti-STAR antibody

PRODUCT SPECIFICATIONS

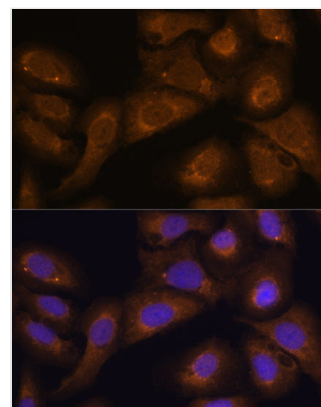
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-STAR antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human STAR
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



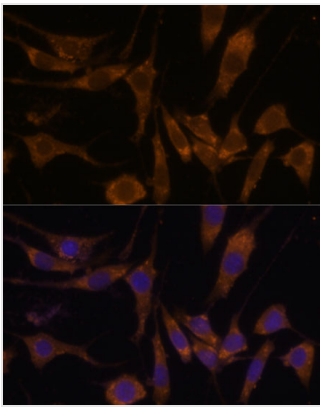
IF (Immunofluorescence)

Confocal immunofluorescence analysis of mouse adrenal gland using STAR Polyclonal at dilution of 1:100. Blue: DAPI for nuclear staining.



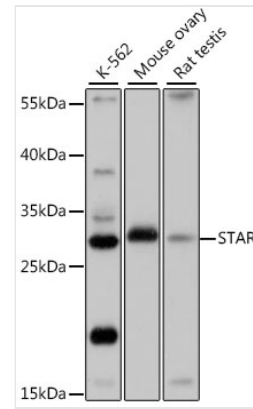
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using STAR Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using STAR Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using STAR at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-STAR antibody	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.
Product Categories/Family for anti-STAR antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	71152974
NCBI GeneID	6770
UniProt Accession #	P49675; Q16396
Molecular Weight	285
NCBI Official Full Name	Steroidogenic acute regulatory protein, mitochondrial
NCBI Official Synonym Full Names	steroidogenic acute regulatory protein
NCBI Official Symbol	STAR
NCBI Official Synonym Symbols	STARD1
NCBI Protein Information	steroidogenic acute regulatory protein, mitochondrial; cholesterol trafficker; START domain containing 1; steroid acute regulatory protein; START domain-containing protein 1; mitochondrial steroid acute regulatory protein; STAR-related lipid transfer (STA
UniProt Protein Name	Steroidogenic acute regulatory protein, mitochondrial
UniProt Gene Name	STAR
UniProt Synonym Gene Names	STARD1; StAR; StARD1
UniProt Entry Name	STAR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/star-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313669>