

Rabbit STAR Monoclonal Antibody | anti-STAR antibody

STAR, RMab (EP226)

CATALOG # AAA59343	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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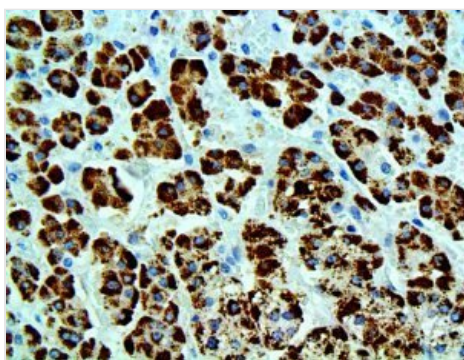
PRODUCT SYNONYMS

STAR; Monoclonal Antibody; RMab (EP226); cholesterol trafficker; mitochondrial steroid acute regulatory protein; StAR related lipid transfer START domain containing 1; StARD1; START domain containing 1; START domain containing protein 1; steroid acute regulatory protein; steroidogenic acute regulator; steroidogenic acute regulatory protein; steroidogenic acute regulatory protein mitochondrial; anti-STAR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	EP226
Form/Format	Paraffin, Frozen STAR is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	Synthetic peptide corresponding to residues of human Steroidogenic Acute RegulatoryProtein (STAR) protein.
Control	Leydig Cells of Testis, Adrenal & Leydig Cell Tumors
Localization	Cytoplasmic, Membranous
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)

STAR Antibody Immunohistochemistry on an FFPE Adrenal Tissue

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-STAR antibody	Steroidogenic acute regulatory protein (STAR) is a protein that in humans is encoded by the STAR gene. 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. STAR is primarily present in steroid-producing cells, including Leydig cells in the testis, theca cells and luteal cells in the ovary and adrenal cells in the adrenal cortex. Low level of STAR expression in other tissues that produce steroid hormones for local use have been reported. STAR antibody is a sensitive and specific marker for Leydig cell tumor. It is useful for differential identification of sex-cord stromal tumor (SCST). Mutations in this gene are a cause of congenital lipoid adrenal hyperplasia (CLAH), also called lipoid CAH.
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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://stage.aaabiotech.com/monoclonal/star-antibody-clone-ep226-elisa/59343>