

Rabbit anti-Human STARD5 Polyclonal Antibody | anti-STARD5 antibody

Anti-STARD5 Antibody, Rabbit Polyclonal

CATALOG # AAA256894	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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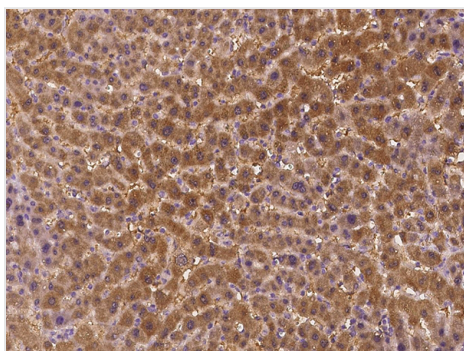
PRODUCT SYNONYMS

STARD5; Polyclonal Antibody; Anti-STARD5 Antibody; Rabbit Polyclonal; STARD5 Antibody; Rabbit PAb; Antigen Affinity Purified; StAR-related lipid transfer (START) domain containing 5; anti-STARD5 antibody

PRODUCT SPECIFICATIONS

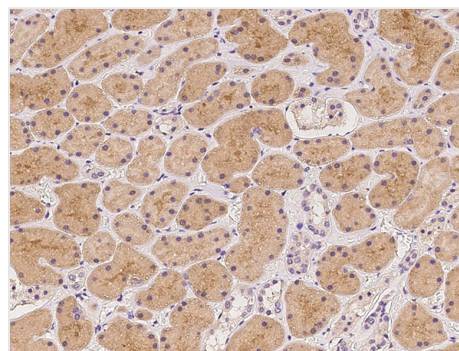
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human STARD5
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-STARD5 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human STARD5 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human STARD5 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human STARD5 in human liver with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human STARD5 in human kidney with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-STARD5 antibody	STARD5 is a member of the STARD4 subfamily of steroidogenic acute regulatory lipid transfer (START) domain-containing proteins specialized in the non-vesicular transport of lipids and sterols. In macrophages, StarD5 is found in the cytosol and maintains a loose association with the Golgi. StarD5 protein is mainly localized in the nucleus, and upon ER stress, it redistributes away from the nucleus, localizing prominently to the cytosol and membranes. Like StarD1 and StarD4, StarD5 is known to bind cholesterol. The StarD4 and StarD5 proteins share approximately 30% identity, and each is a steroidogenic acute regulatory protein (StAR)-related lipid transfer (START) domain. STARD5 is a cytosolic sterol transport protein that is predominantly expressed in the liver and kidney. StarD5 is a stress-responsive protein that regulates PM cholesterol and intracellular cholesterol homeostasis.
References	Rodriguez-Agudo D, et al. (2012) Er stress increases stard5 expression by stabilizing its mrna and leads to relocalization of its protein from the nucleus to the membranes. J Lipid Res 53 (12): 2708-2715.Rodriguez-Agudo D, et al. (2006) Localization of stard5 cholesterol binding protein. J Lipid Res 47 (6): 1168-1175.Letourneau D, et al. (2013) Thermodynamic and solution state nmr characterization of the binding of secondary and conjugated bile acids to stard5. Biochim Biophys Acta 1831 (11): 1589-1599.

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/stard5-antibody-immunohistochemistry-elisa/256894>