

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

STARD5 Antibody (N-term)

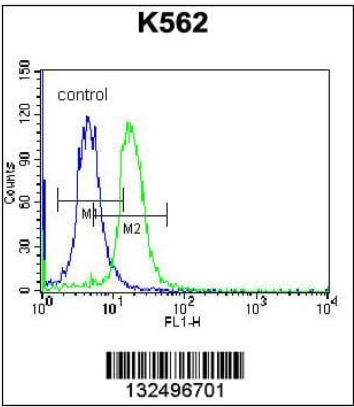
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286093	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

STARD5; Polyclonal Antibody; STARD5 Antibody (N-term); StAR-related lipid transfer protein 5; START domain-containing protein 5; STARD5; anti-STARD5 antibody

PRODUCT SPECIFICATIONS

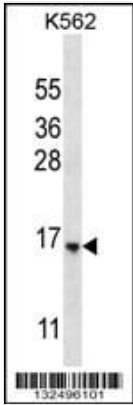
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STARD5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-55 amino acids from the N-terminal region of human STARD5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	26-55
Sequence Length	213
Applicable Applications for anti-STARD5 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
STARD5 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
STARD5 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of STARD5 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
STARD5 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the STARD5 antibody detected the STARD5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-STARD5 antibody	Cholesterol homeostasis is regulated, at least in part, by sterol regulatory element (SRE)-binding proteins (e.g., SREBP1; MIM 184756) and by liver X receptors (e.g., LXRA; MIM 602423). Upon sterol depletion, LXRs are inactive and SREBPs are cleaved, after which they bind promoter SREs and activate genes involved in cholesterol biosynthesis and uptake. Sterol transport is mediated by vesicles or by soluble protein carriers, such as steroidogenic acute regulatory protein (STAR; MIM 600617). STAR is homologous to a family of proteins containing a 200- to 210-amino acid STAR-related lipid transfer (START) domain, including STARD5 (Soccio et al., 2002 [PubMed 12011452]).
Product Categories/Family for anti-STARD5 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Chen, Y.C., et al. Am. J. Physiol. Renal Physiol. 297 (2), F380-F388 (2009) : Rodriguez-Agudo, D., et al. J. Lipid Res. 47(6):1168-1175(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	32526915
NCBI GeneID	80765
NCBI Accession #	NP_871629.1
NCBI GenBank Nucleotide #	NM_181900.2
UniProt Accession #	Q9NSY2; P59094
Molecular Weight	23794
NCBI Official Full Name	stAR-related lipid transfer protein 5
NCBI Official Synonym Full Names	StAR-related lipid transfer (START) domain containing 5
NCBI Official Symbol	STARD5
NCBI Protein Information	stAR-related lipid transfer protein 5
UniProt Protein Name	StAR-related lipid transfer protein 5
UniProt Gene Name	STARD5
UniProt Synonym Gene Names	StARD5
UniProt Entry Name	STAR5_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/stard5-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286093>