

Datasheet for ABIN954974
anti-STARD6 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	STARD6
Binding Specificity:	AA 194-220, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STARD6 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 194-220 amino acids from the C-terminal region of Human STARD6
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human (C-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	STARD6
Alternative Name:	STARD6 (STARD6 Products)
Background:	Cholesterol homeostasis is regulated, at least in part, by sterol regulatory element (SRE)-binding

Target Details

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 STARD6 (Soccio et al., 2002 [PubMed 12011452]) Synonyms: START domain-containing protein 6, StAR-related lipid transfer protein 6

Molecular Weight: 25022 Da

Gene ID: 147323

NCBI Accession: [NP_631910](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

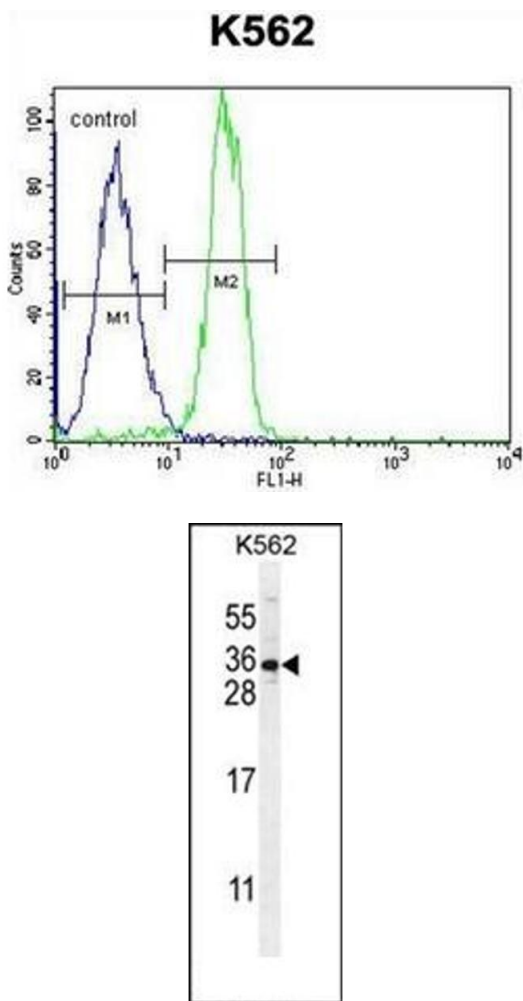
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow Cytometric analysis of K562 cells using STARD6 Antibody (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis in K562 cell line lysates (35ug/lane) using STARD6 Antibody (C-term) Cat.-No AP54069PU-N. This demonstrates the STARD6 antibody detected the STARD6 protein (arrow).