

Datasheet for ABIN655777

anti-STARD6 antibody (C-Term)

2 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	STARD6
Binding Specificity:	AA 187-215, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STARD6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This STARD6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-215 amino acids from the C-terminal region of human STARD6.
Clone:	RB29820
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

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]).

Gene ID: 147323

NCBI Accession: [NP_631910](#)

UniProt: [P59095](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.

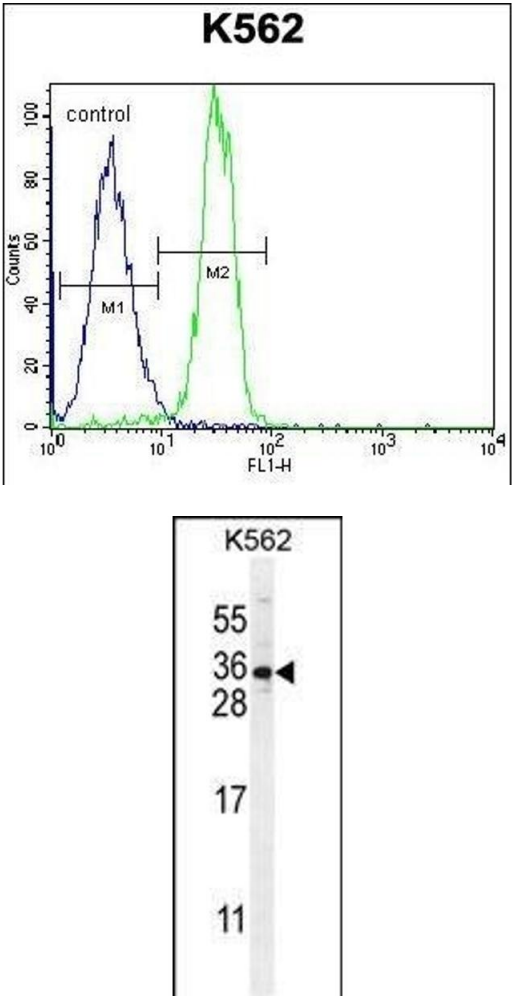
Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Mask, Schoenecker, Kane, Ransom, Bruemmer: "Serum antibody immunoreactivity to equine zona protein after SpayVac vaccination." in: **Theriogenology**, Vol. 84, Issue 2, pp. 261-7, (2015) ([PubMed](#)).



Flow Cytometry

Image 1. STARD6 Antibody (C-term) (ABIN655777 and ABIN2845214) flow cytometric analysis of K562 cells (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. STARD6 Antibody (C-term) (ABIN655777 and ABIN2845214) western blot analysis in K562 cell line lysates (35 µg/lane).This demonstrates the STARD6 antibody detected the STARD6 protein (arrow).