

Datasheet for ABIN7258806

**anti-STARD4 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µL
Target:	STARD4
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STARD4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein of human STARD4 (NP_001294986.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	STARD4
Alternative Name:	STARD4 ( <a href="#">STARD4 Products</a> )
Background:	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

## Target Details

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 STARD4 (Soccio et al., 2002 [PubMed 12011452]).

Molecular Weight: Observed\_MW: 24 kDa  
Calculated\_MW: 18 kDa/23 kDa

Gene ID: 134429

UniProt: [Q96DR4](#)

## Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

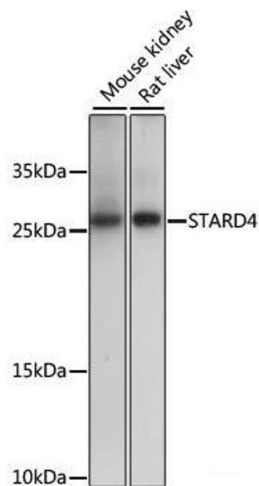
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using STARD4 Polyclonal Antibody at dilution of 1:1000.