



STARD4 Rabbit mAb

Catalog No	YP-rAb-17699
Isotype	IgG
Reactivity	Human
Applications	WB,IF,ICC
Gene Name	STARD4
Protein Name	StAR-related lipid transfer protein 4;START domain-containing protein 4;StARD4;
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-5000; ICC/IF 1:100-300
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	STARD4 ; StAR-related lipid transfer protein 4 ; START domain-containing protein 4 ; StARD4 ;
Observed Band	23kD
Calculated Molecular Weight	
Cell Pathway	
Tissue Specificity	
Function	Involved in the intracellular transport of cholesterol. Binds cholesterol or other sterols. {ECO:0000269 PubMed:18403318}.
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 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]).[supplied by OMIM, Mar 2008]



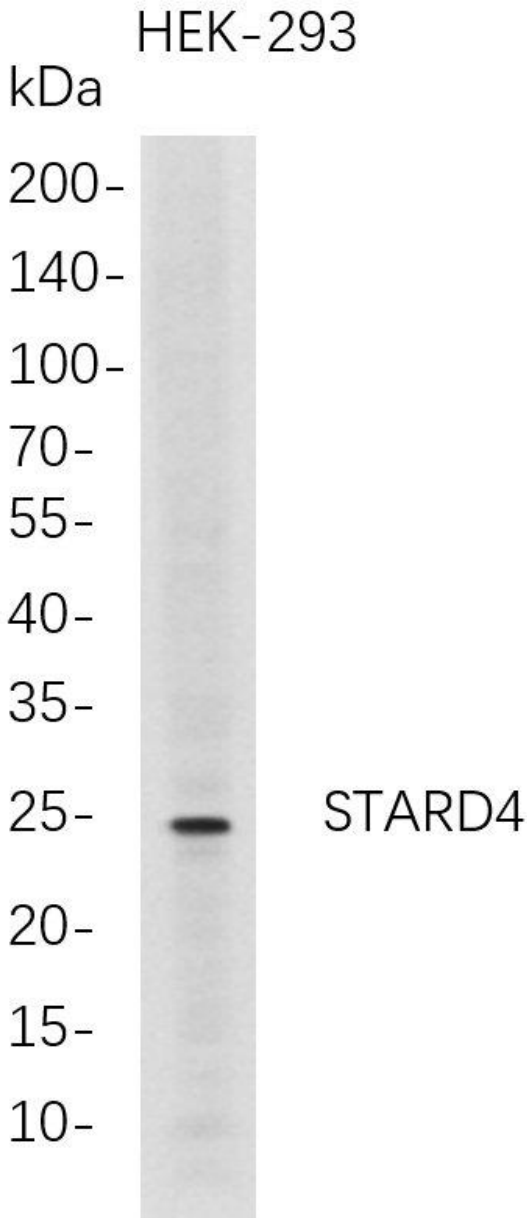


matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Western Blot analysis of HEK-293 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-STARD4 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

