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# STARD5 Antibody (N-term) Blocking peptide

**Synthetic peptide**
**Catalog # BP12823a**

## Specification

### STARD5 Antibody (N-term) Blocking peptide - Product Information

| | |
|---|---|
| Primary Accession | Q9NSY2 |

### STARD5 Antibody (N-term) Blocking peptide - Additional Information

**Gene ID** 80765

**Other Names**
StAR-related lipid transfer protein 5, START domain-containing protein 5, StARD5, STARD5

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### STARD5 Antibody (N-term) Blocking peptide - Protein Information

**Name** STARD5

**Function**
May be involved in the intracellular transport of sterols or other lipids. May bind cholesterol or other sterols (By similarity).

### STARD5 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

### STARD5 Antibody (N-term) Blocking peptide - Images

### STARD5 Antibody (N-term) Blocking peptide - Background

Cholesterol homeostasis is regulated, at least in part, bysterol regulatory element (SRE)-binding proteins (e.g., SREBP1; MIM184756) and by liver X receptors (e.g., LXRA; MIM 602423). Uponsterol depletion, LXRs are inactive and SREBPs are cleaved, afterwhich they bind promoter SREs and activate genes involved incholesterol biosynthesis and uptake. Sterol transport is mediatedby

vesicles or by soluble protein carriers, such as steroidogenicacute regulatory protein (STAR; MIM 600617). STAR is homologous toa family of proteins containing a 200- to 210-amino acidSTAR-related lipid transfer (START) domain, including STARD5(Soccio et al., 2002 [PubMed 12011452]).

**STARD5 Antibody (N-term) Blocking peptide - 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)