

## Product datasheet for **AP54068PU-N**

### **STARD5 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1,000. <b>Western Blot:</b> 1/100-1/500. <b>Flow Cytometry:</b> 1/10-1/50. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 33-63 amino acids from the N-terminal region of human STARD5
Specificity:	This antibody recognizes Human STARD5 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	StAR related lipid transfer domain containing 5
Database Link:	<a href="#">Entrez Gene 80765 Human</a> <a href="#">Q9NSY2</a>



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**Background:**

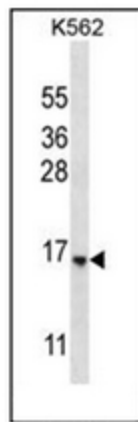
Cholesterol homeostasis is regulated, at least in part, by sterol regulatory element (SRE)-binding proteins (e.g., SREBP1; MIM 184756) and by liver X receptors (e.g., LXRA; MIM 602423). Upon sterol depletion, LXRs are inactive and SREBPs are cleaved, after which they bind promoter SREs and activate genes 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 STARD5 (Soccio et al., 2002 [PubMed 12011452]).

**Synonyms:**

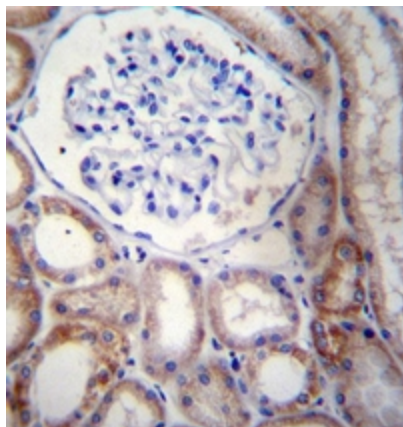
MGC10327

**Note:**

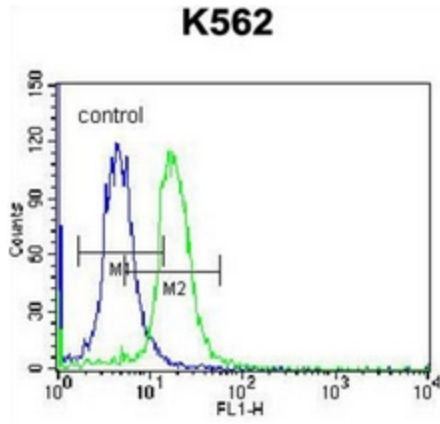
**Molecular Weight:** 23794 Da

**Product images:**


Western blot analysis of STARD5 Antibody (N-term) in K562 cell line lysates (35ug/lane). This demonstrates the STARD5 antibody detected the STARD5 protein (arrow)



Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with STARD5 Antibody (N-term), which was peroxidase conjugated to the secondary antibody and followed by AB staining. This data demonstrates the use of STARD5 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow cytometric analysis of K562 cells using STARD5 Antibody (N-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.