

For Research Use Only

# STARD7 Recombinant antibody

Catalog Number: 85131-4-RR



## Basic Information

<b>Catalog Number:</b> 85131-4-RR	<b>GenBank Accession Number:</b> BC008894	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 56910	<b>CloneNo.:</b> 242760A3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NQZ5	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> StAR-related lipid transfer (START) domain containing 7	
<b>Immunogen Catalog Number:</b> AG8224	<b>Calculated MW:</b> 295 aa, 35 kDa	
	<b>Observed MW:</b> 34 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, HepG2 cells, HT-1080 cells, MCF-7 cells, K-562 cells, mouse testis tissue, rat testis tissue

## Background Information

STARD7, also known as gestational trophoblastic tumor gene-1 (GTT1), is a lipid transfer protein that specifically binds and transports phosphatidylcholine (PC) between cellular membranes. It is a member of the START (Steroidogenic Acute Regulatory protein-related lipid transfer) domain-containing protein family, which is involved in intracellular lipid transport and metabolism. (PMID: 23507753)

## Storage

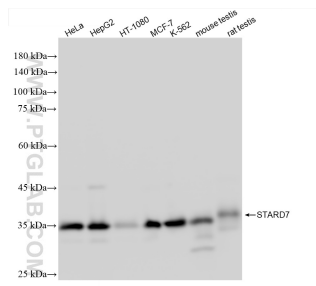
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

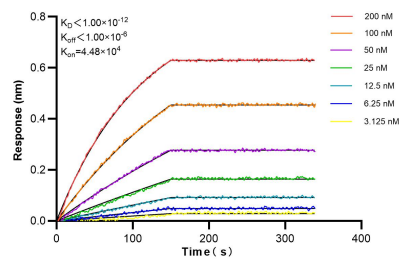
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85131-4-RR (STARD7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85131-4-RR against Human STARD7 were performed. The affinity constant is below 1 pM.