

For Research Use Only

# STARD7 Recombinant antibody

Catalog Number: 85131-4-RR



## Basic Information

Catalog Number:

85131-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8224

GenBank Accession Number:

BC008894

GeneID (NCBI):

56910

UNIPROT ID:

Q9NQZ5

Full Name:

StAR-related lipid transfer (START)  
domain containing 7

Calculated MW:

295 aa, 35 kDa

Observed MW:

34 kDa

Purification Method:

Protein A purification

CloneNo.:

242760A3

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : 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

For technical support and original validation data for this product please contact:

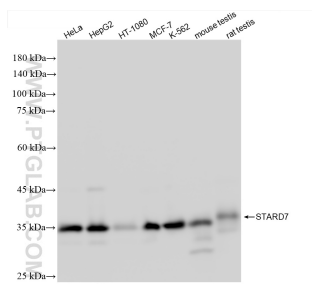
T: 4006900926

E: Proteintech-CN@ptglab.com

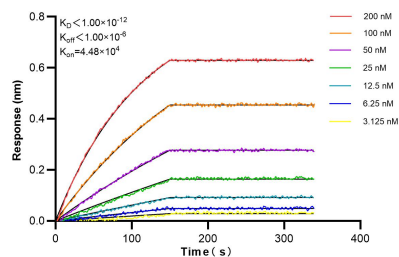
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## Selected Validation Data



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.