

Datasheet for ABIN2788727  
**anti-DHPS antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	DHPS
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHPS antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DHPS
Sequence:	TTGFQATNFG RAVQQVNAMI EKKLEPLSQD EDQHADLTQS RRPLTSTIF
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 79%, Pig: 100%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against DHPS. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	DHPS
Alternative Name:	DHPS ( <a href="#">DHPS Products</a> )

## Target Details

Background:	<p>This gene encodes a protein that is required for the formation of hypusine, a unique amino acid formed by the posttranslational modification of only one protein, eukaryotic translation initiation factor 5A. The encoded protein catalyzes the first step in hypusine formation by transferring the butylamine moiety of spermidine to a specific lysine residue of the eukaryotic translation initiation factor 5A precursor, forming an intermediate deoxyhypusine residue. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.</p> <p>Alias Symbols: MIG13, DS, DHS</p> <p>Protein Interaction Partner: ZNF138, RPL9, REL, RAB27B, PTPRH, EIF5A, DHPS, EIF5A2, WDYHV1, VASH1, MAPK3, ANKMY2, CTPS2, DPP8, ARIH1, ANP32B, PLIN3, ACTR2, ARPC1B, SAE1, SURF2, SRP9, RPA3, PPP2R5D, HSF1, HNRNPF, AAMP, NUDT18, NIF3L1, UBC, SRRM2, ARF6,</p> <p>Protein Size: 322</p>
Molecular Weight:	35 kDa
Gene ID:	1725
NCBI Accession:	<a href="#">NM_013406</a> , <a href="#">NP_037538</a>
UniProt:	<a href="#">P49366</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 322 AA
Restrictions:	For Research Use only

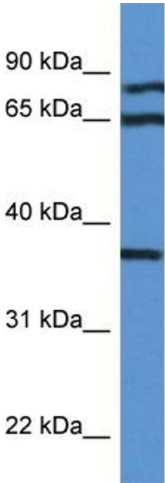
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



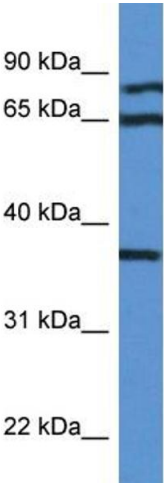
90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
31 kDa\_\_  
22 kDa\_\_

Rabbit Anti-DHPS Antibody  
Catalog Number: ARP61225  
Lot Number: QC31947  
Lane: MCF7 Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

**Western Blotting**

**Image 1.**



90 kDa\_\_  
65 kDa\_\_  
40 kDa\_\_  
31 kDa\_\_  
22 kDa\_\_

**Western Blotting**

**Image 2.** WB Suggested Anti-DHPS Antibody Titration: 1.0 µg/mL

Positive Control: MCF7 Whole Cell

DHPS is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells