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Datasheet for ABIN1539082
anti-DHPS antibody (N-Term)

1 Image

Overview

Quantity:	400 µL
Target:	DHPS
Binding Specificity:	AA 16-43, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHPS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DHPS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-43 amino acids from the N-terminal region of human DHPS.
Clone:	RB36905
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DHPS
Alternative Name:	DHPS (DHPS Products)
Background:	The unusual amino acid hypusine is formed posttranslationally and is only found in a single

Target Details

cellular protein, eukaryotic translation initiation factor 5A. In the first step of hypusine biosynthesis, deoxyhypusine synthase catalyzes the NAD-dependent transfer of the butylamine moiety of spermidine to the epsilon-amino group of a specific lysine residue of the EIF5A precursor protein to form the intermediate deoxyhypusine residue. This gene consists of nine exons spanning 6.6 kb. Three transcript variants have been isolated. However, only transcript variant 1 encodes an active protein. The shorter variants may act as modulating factors of DHPS activity.

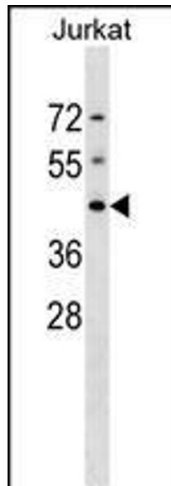
Molecular Weight:	40971
Gene ID:	1725
NCBI Accession:	NP_001193903 , NP_001921 , NP_037538
UniProt:	P49366

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	DHPS Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. DHPS Antibody (N-term) (ABIN1539082 and ABIN2848705) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the DHPS antibody detected the DHPS protein (arrow).