

DHPS antibody

Catalog No: #38852

Package Size: #38852-1 50ul #38852-2 100ul

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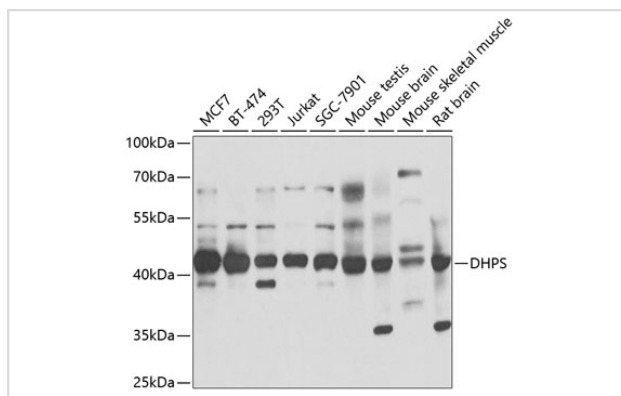
Description

Product Name	DHPS antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total DHPS protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human DHPS.
Target Name	DHPS
Other Names	DS; DHS; MIG13;
Accession No.	Swiss-Prot#: P49366NCBI Gene ID: 1725
Uniprot	P49366
GeneID	1725;
SDS-PAGE MW	40kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using DHPS at 1:1000 dilution.

Background

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.

Note: This product is for in vitro research use only