

Rabbit anti-Human, Mouse DHPS Polyclonal Antibody | anti-DHPS antibody

Rabbit anti-DHPS Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212654	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

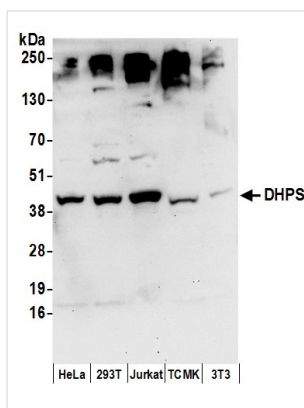
PRODUCT SYNONYMS

DHPS; Polyclonal Antibody; Rabbit anti-DHPS Antibody; Affinity Purified; DS; MIG13; deoxyhypusine synthase; migration-inducing gene 13; DHS; Deoxyhypusine synthase; anti-DHPS antibody

PRODUCT SPECIFICATIONS

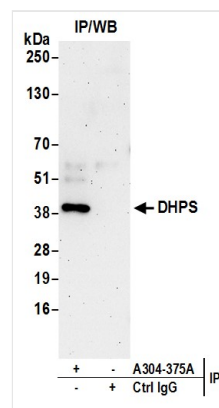
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DHPS antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 319 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse DHPS by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-DHPS antibody AAA212654 (lot AAA212654-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human DHPS by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using NETN buffer from HeLa cells. Antibodies: Affinity purified rabbit anti-DHPS antibody AAA212654 (lot AAA212654-1) used for IP at 6 ug per reaction. For blotting immunoprecipitated DHPS, AAA212654 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-DHPS antibody	Deoxyhypusine synthase (DHPS) catalyzes the NAD-dependent oxidative cleavage of spermidine and the subsequent transfer of the butylamine moiety of spermidine to the epsilon-amino group of a specific lysine residue of the eIF-5A precursor protein to form the intermediate deoxyhypusine residue [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P49366].
Product Categories/Family for anti-DHPS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503325
NCBI GeneID	1725
NCBI Accession #	NP_001921.1
NCBI GenBank Nucleotide #	NM_001930.3
UniProt Accession #	P49366 ; Q13184 ; Q13276 ; Q9UDG0 ; A8K688
Molecular Weight	40,971 Da
NCBI Official Full Name	deoxyhypusine synthase isoform a
NCBI Official Synonym Full Names	deoxyhypusine synthase
NCBI Official Symbol	DHPS
NCBI Official Synonym Symbols	DS; DHS; MIG13
NCBI Protein Information	deoxyhypusine synthase; migration-inducing gene 13
UniProt Protein Name	Deoxyhypusine synthase
UniProt Gene Name	DHPS
UniProt Synonym Gene Names	DS; DHS
UniProt Entry Name	DHYS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dhps-antibody-immunoprecipitation-western-blot-elisa/212654>