

DHS Polyclonal Antibody

Catalog # AP69533

Specification

DHS Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P49366
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

DHS Polyclonal Antibody - Additional Information

Gene ID 1725

Other Names

DHPS; DS; Deoxyhypusine synthase; DHS

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions

-20°C

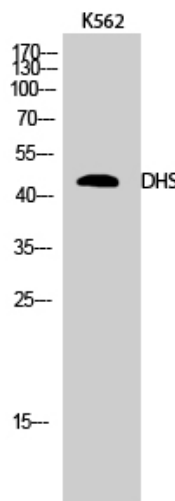
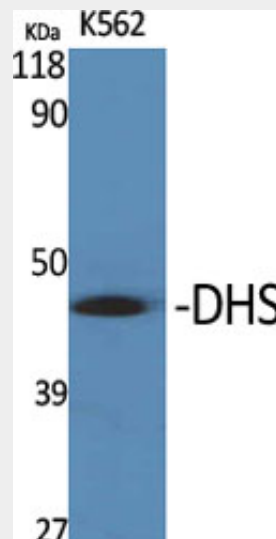
DHS Polyclonal Antibody - Protein Information

Name DHPS

Synonyms DS

Function

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 critical lysine residue of the eIF-5A precursor protein to form the intermediate deoxyhypusine residue (PubMed:30661771). This is the first step of the post-translational modification of that lysine into an unusual amino acid residue named hypusine.



DHS Polyclonal Antibody - Background

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 critical lysine residue of the eIF-5A precursor protein to form the intermediate

Hypusination is unique to mature eIF-5A factor and is essential for its function.

deoxyhypusine residue. This is the first step of the post- translational modification of that lysine into an unusual amino acid residue named hypusine. Hypusination is unique to mature eIF- 5A factor and is essential for its function.

DHS Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)