

DHPS Polyclonal Antibody

Catalog number: 11184-1-AP

Size: 44 µg/150 µl

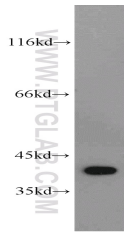
Source: Rabbit

Isotype: IgG

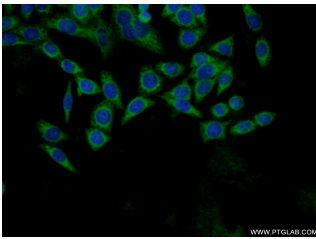
Synonyms:

DHPS; deoxyhypusine synthase,

DHPS, DHS, DS, MIG13



HeLa cells were subjected to SDS PAGE followed by western blot with 11184-1-AP(DHPS antibody) at dilution of 1:300



Immunofluorescent analysis of HeLa cells using 11184-1-AP(DHPS Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

DHPS(Deoxyhypusine synthase) catalyzes the conversion of lysine to deoxyhypusine residue on the eukaryotic initiation factor 5A (eIF-5A) precursor using spermidine as the substrate. It belongs to the deoxyhypusine synthase family. This protein has 3 isoforms produced by alternative splicing.

Applications

| | |
|-------------------------|--|
| Tested applications: | ELISA, WB, IF |
| Species specificity: | Human,Mouse,Rat; other species not tested. |
| Calculated DHPS MW: | 41 kDa |
| Observed DHPS MW: | 40 kDa |
| Positive WB detected in | HeLa cells |
| Positive IF detected in | HeLa cells |
| Recommended dilution: | WB: 1:200-1:1000 IF: 1:20-1:200 |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

| | |
|---------------------------|------------------------|
| Immunogen: | Ag1646 |
| GenBank accession number: | BC014016 |
| Gene ID (NCBI): | 1725 |
| Full name: | Deoxyhypusine synthase |

Product information

| | |
|----------------------|---|
| Purification method: | Antigen affinity purification |
| Storage: | PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |