10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DOHH Rabbit mAb

Catalog # AP75371

Product Information

Application	WB, IP
Primary Accession	Q9BU89
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	32904

Additional Information

Gene ID	83475
Other Names	DOHH
Dilution	WB~~1:500-1:1000 IP~~1:20
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

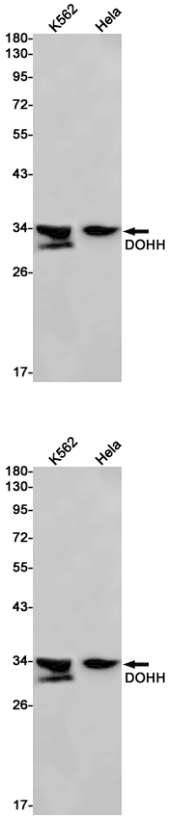
Name	DOHH {ECO:0000255|HAMAP-Rule:MF_03101, ECO:0000312|HGNC:HGNC:28662}
Function	Catalyzes the hydroxylation of the N(6)-(4-aminobutyl)-L- lysine intermediate produced by deoxyhypusine synthase/DHPS on a critical lysine of the eukaryotic translation initiation factor 5A/eIF- 5A. This is the second step of the post-translational modification of that lysine into an unusual amino acid residue named hypusine (PubMed:16371467, PubMed:16533814, PubMed:19706422). Hypusination is unique to mature eIF-5A factor and is essential for its function (By similarity).

Background

Catalyzes the hydroxylation of the N6-(4-aminobutyl)-L-lysine intermediate produced by deoxyhypusine synthase/DHPS on a critical lysine of the eukaryotic translation initiation factor 5A/eIF-5A. This is the second

step of the post-translational modification of that lysine into an unusual amino acid residue named hypusine (PubMed:16533814, PubMed:16371467, PubMed:19706422). Hypusination is unique to mature eIF-5A factor and is essential for its function .

Images



Western blot analysis of DOHH in K562, Hela lysates using DOHH antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.