

DOHH Rabbit pAb

Catalog # AP53612

Product Information

Primary Accession	Q9BU89
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	32904

Additional Information

Gene ID	83475
Other Names	HLRC1; hDOHH
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

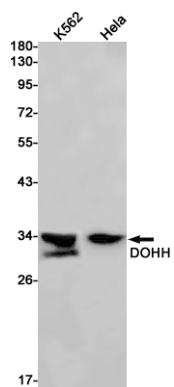
Name	DOHH {ECO:0000255 HAMAP-Rule:MF_03101, ECO:0000312 HGNC:HGNC:28662}
Function	Catalyzes the hydroxylation of the N(6)-(4-aminobutyl)-L- lysine intermediate produced by deoxyhypusine synthase/DHPS on a critical lysine of the eukaryotic translation initiation factor 5A/eIF- 5A. This is the second step 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

Swiss-Prot Acc.Q9BU89.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 detection of DOHH in K562,Hela cell lysates using DOHH Rabbit pAb(1:1000 diluted).Predicted band size:33kDa.Observed band size:33kDa.



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