
Product Name: DOHH Rabbit Monoclonal Antibody**Catalog #: AMRe85517**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:10-1:20
Molecular Weight	Calculated MW: 33 kDa; Observed MW: 33 kDa

Antigen Information

Gene Name	DOHH
Alternative Names	HLRC1; hDOHH
Gene ID	83475.0
SwissProt ID	Q9BU89
Immunogen	A synthetic peptide of human DOHH

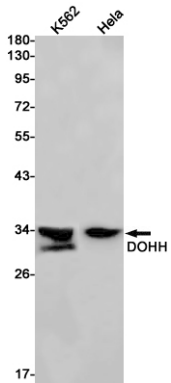
Background

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 .

Research Area

Image Data



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