
Product Name: DOHH Rabbit Monoclonal Antibody**Catalog #: AMRe01923**

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 | 0.3mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000,IP 1:20-1:50 |
| Molecular Weight | Calculated MW: 33 kDa; Observed MW: 33 kDa |

Antigen Information

| | |
|--------------------------|-----------------------------------|
| Gene Name | DOHH |
| Alternative Names | HLRC1; hDOHH |
| Gene ID | 83475 |
| SwissProt ID | Q9BU89 |
| Immunogen | A synthetic peptide of human DOHH |

Background

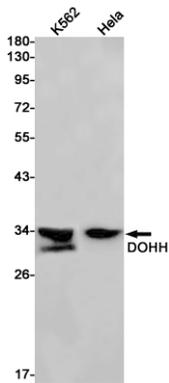
Catalyzes the hydroxylation of the N6-(4-aminobutyl)-L-lysine intermediate produced by deoxyhypusine synthase/DHPS on a critical lysine of the eukaryotic translation initiation factor 5A/eIF-5A. This is the second step of the post-translational

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

Signal Transduction

Image Data



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