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**Product Name: DOHH Rabbit Monoclonal Antibody****Catalog #: AMRe21243**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.2mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Purification</b>	Protein A

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IP 1:50-1:100
<b>Molecular Weight</b>	Calculated MW;;Observed MW:33kD

**Antigen Information**

<b>Gene Name</b>	DOHH;HLRC1
<b>Alternative Names</b>	DOHH;HLRC1;Deoxyhypusine hydroxylase ;hDOHH;Deoxyhypusine dioxygenase;Deoxyhypusine monooxygenase;HEAT-like repeat-containing protein 1;
<b>Gene ID</b>	83475.0
<b>SwissProt ID</b>	Q9BU89
<b>Immunogen</b>	A synthetic peptide of human DOHH

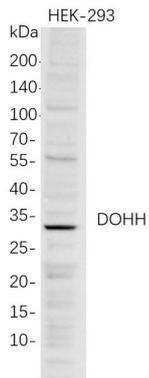
**Background**

This gene encodes a metalloenzyme that catalyzes the last step in the conversion of lysine to the unique amino acid hypusine in eukaryotic initiation factor 5A. The encoded protein hydroxylates deoxyhypusine to form hypusine in the mature eukaryotic

initiation factor 5A protein. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Feb 2009]

## Research Area

## Image Data



Western Blot analysis of HEK-293 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-DOHH rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.