

DATASHEET

DOHH Rabbit Monoclonal Antibody(C2012)

CAT. NO. AMA01624

KEY FEATURES

Target	DOHH	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IP	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.	Storage	at-20°C

BACKGROUND

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 -(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 . Hypusination is unique to mature eIF-5A factor and is essential for its function .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IP	1:10 - 1:50

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

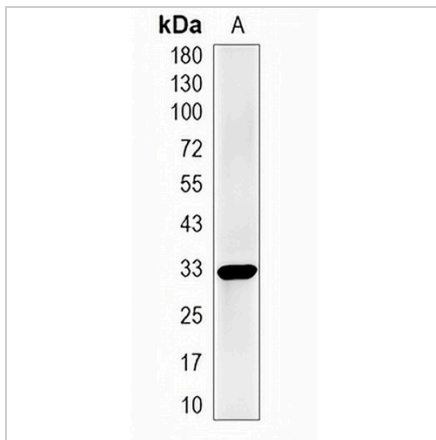
Description	Recombinant rabbit monoclonal antibody to DOHH
Specificity	Recognizes endogenous levels of DOHH protein
Antibody Type	Primary antibody, Recombinant
Immunogen	Recombinant fusion protein of human DOHH. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 32 kD; Observed: 33 kD
Form/Buffer	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Alternative Names	HLRC1; Deoxyhypusine hydroxylase; hDOHH; Deoxyhypusine dioxygenase; Deoxyhypusine monooxygenase; HEAT-like repeat-containing protein 1
Gene Symbol	DOHH
Entrez Gene	83475(Human)
SwissProt	Q9BU89(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**DOHH Rabbit Monoclonal Antibody(C2012)**

CAT. NO. AMA01624

DATA

Western blot analysis of DOHH expression in HEK293 (A) whole cell lysates. (Predicted band size: 32 kD; Observed band size: 33 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.