



Anti-DOHH monoclonal antibody (DCABH-11313)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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
Immunogen	A synthetic peptide of human DOHH is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	IP, WB
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA,
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DOHH deoxyhypusine hydroxylase/monooxygenase [Homo sapiens]
Official Symbol	DOHH
Synonyms	DOHH; deoxyhypusine hydroxylase/monooxygenase; HEAT like (PBS lyase) repeat containing 1 , HLRC1; deoxyhypusine hydroxylase; MGC4293; deoxyhypusine dioxygenase; deoxyhypusine monooxygenase; HEAT-like repeat-containing protein 1; HEAT-like (PBS lyase) repeat containing 1; HLRC1; hDOHH;
Entrez Gene ID	83475
Protein Refseq	NP_001138637
UniProt ID	Q9BU89
Chromosome Location	19p13.3
Pathway	Hypusine synthesis from eIF5A-lysine, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; PTM: gamma carboxylation, hypusine formation and arylsulfatase activation, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem; hypusine biosynthesis, organism-specific biosystem; hypusine biosynthesis, conserved biosystem;
Function	deoxyhypusine monooxygenase activity; deoxyhypusine monooxygenase activity; metal ion binding; protein binding;