

Recombinant

DGRmAb®

HARS (DGR13318) Rabbit mAb

db13706

Package : 10µL 20µL 50µL 100µL

Product Name : HARS (DGR13318) Rabbit mAb**Cat.No.:** db13706**Synonyms :** HRS; CMT2W; USH3B**Application :** WB, IHC-P**Reactivity :** Human**Host species :** Rabbit**Background**

Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene is a cytoplasmic enzyme which belongs to the class II family of aminoacyl-tRNA synthetases. The enzyme is responsible for the synthesis of histidyl-transfer RNA, which is essential for the incorporation of histidine into proteins. The gene is located in a head-to-head orientation with HARSL on chromosome five, where the homologous genes share a bidirectional promoter. The gene product is a frequent target of autoantibodies in the human autoimmune disease polymyositis/dermatomyositis. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

Immunogen

A synthetic peptide of human HARS

Gene ID

3035

Swiss Prot

P12081

Synonyms

HRS; CMT2W; USH3B

Reactivity

Human

Application

WB, IHC-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

Calculated MW

57 kDa

Observed MW

57 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13318

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
	Western blot detection of HARS in K562,Hela cell lysates using HARS antibody(1:1000 diluted).