

DALRD3 Rabbit pAb

DALRD3 Rabbit pAb

Catalog # AP55453

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q5D0E6
Reactivity	Rat, Mouse
Predicted	Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59363
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DALRD3
Epitope Specificity	352-450/543
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The exact function of this gene is not known. It encodes a protein with a DALR anticodon binding domain similar to that of class Ia aminoacyl tRNA synthetases. This gene is located in a cluster of genes (with a complex sense-anti-sense genome architecture) on chromosome 3, and contains two micro RNA (miRNA) precursors (mir-425 and mir-191) in one of its introns. Preferential expression of this gene (the miRNAs and other genes in the cluster) in testis suggests a role of this gene in spermatogenesis [provided by RefSeq, Feb 2013]

Additional Information

Gene ID	55152
Other Names	DALR anticodon-binding domain-containing protein 3, DALRD3 {ECO:0000303 PubMed:15489334}
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

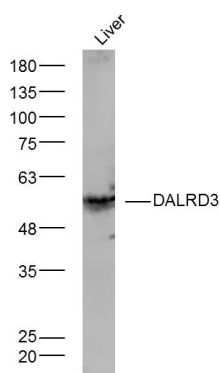
Name DALRD3 {ECO:0000303|PubMed:15489334}

Function Involved in tRNA methylation. Facilitates the recognition and targeting of tRNA(Arg)(CCU) and tRNA(Arg)(UCU) substrates for N(3)- methylcytidine modification by METTL2A and METTL2B.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample:

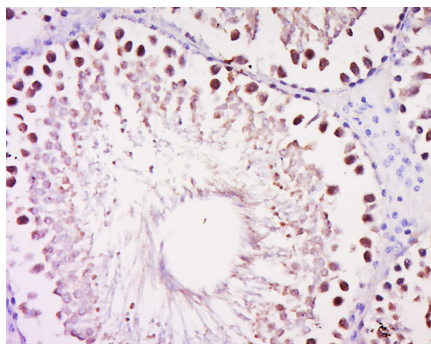
Liver (Mouse) Lysate at 40 ug

Primary: Anti- DALRD3 (AP55453) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 59 kD

Observed band size: 59 kD



Tissue/cell: Rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-DALRD3 Polyclonal Antibody, Unconjugated(AP55453) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.