SunLong Biotech Co.,LTD
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E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-DALRD3 antibody

Catalog Number: SL14192R

FOR RESEARCH USE ONLY

[DATASHEET]

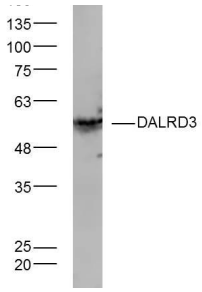
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DALRD3
Immunogen:	KLH conjugated synthetic peptide derived from human DALRD3: 352-450/543
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat (predicted:Human,Horse)
Predicted MW.:	59kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	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] **Function:** DALRD3 contains a DALR anticodon binding domain. This all alpha helical domain is the anticodon binding domain in Arginyl and glycyl

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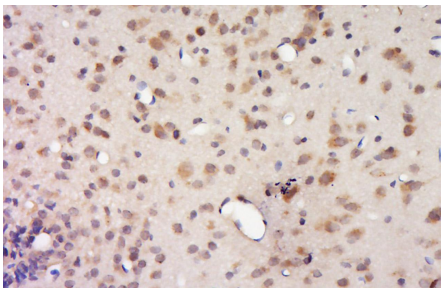
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	tRNA synthetase. It is known as the DALR domain after characteristic conserved amino acids. There are 5 named isoforms of DALRD3 produced by alternative splicing. **Database links:** **Entrez Gene:** 55152 Human **Entrez Gene:** 67789 Mouse **Entrez Gene:** 363146 Rat **SwissProt:** Q5D0E6 Human **SwissProt:** Q6PJN8 Mouse **SwissProt:** Q641Y9 Rat

[VALIDATION IMAGES]



Sample:
Liver (Mouse) Lysate at 40 ug
Primary: Anti- DALRD3 (SL14192R) 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 brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, 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(SL14192R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

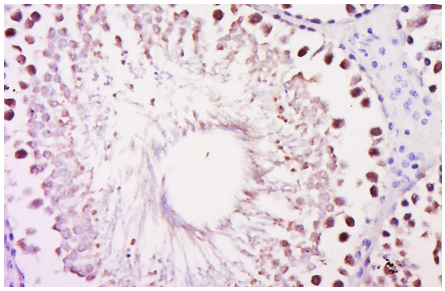
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