

A Reliable Research Partner in Life Science and Medicine

Recombinant LysRS Monoclonal Antibody

catalog number: AN301592L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;Mouse

Recombinant human LysRS fragment Immunogen

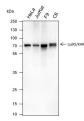
Host Rabbit Isotype lgG, κ A291 Clone

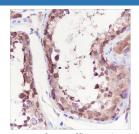
Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100
IF	1:50
IP	1:25-1:50

Data

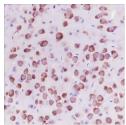


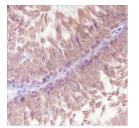


Western Blot with LysRS Monoclonal Antibody at dilution of Immunohistochemistry of paraffin-embedded Human testis 1:1000. Lane 1: HeLa, Lane 2: JurKat, Lane 3: F9, Lane 4: C6

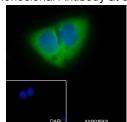
using LysRS Monoclonal Antibody at dilution of 1:100.

Observed-MW:75 kDa Calculated-MW:75 kDa

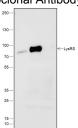




Immunohistochemistry of paraffin-embedded Mouse brain using LysRS Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Rat testis using LysRS Monoclonal Antibody at dilution of 1:100.



For Research Use Only

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Immunofluorescent analysis of (4% Paraformaldehyde) fixed Immunoprecipitation analysis using anti-LysRS Monoclonal U-2 OS cells using anti-LysRS Monoclonal Antibody at Antibody. Western blot was performed from the immunoprecipitate using LysRS Monoclonal Antibody at a

Antibody. Western blot was performed from the immunoprecipitate using LysRS Monoclonal Antibody at a dilution of 1:50. Lane 1: 10% Input, Lane 2: LysRS Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:75 kDa Calculated-MW:75 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

Catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA. When secreted, acts as a signaling molecule that induces immune response through the activation of monocyte/macrophages. Catalyzes the synthesis of the signaling molecule diadenosine tetraphosphate (Ap4A), and thereby mediates disruption of the complex between HINT1 and MITF and the concomitant activation of MITF transcriptional activity. Interacts with HIV-1 virus GAG protein, facilitating the selective packaging of tRNA3(Lys), the primer for reverse transcription initiation.

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