

DDX59 Polyclonal Antibody

Catalog No. E-AB-18654

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

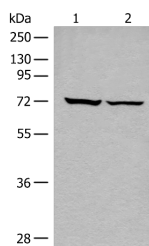
Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human DDX59
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

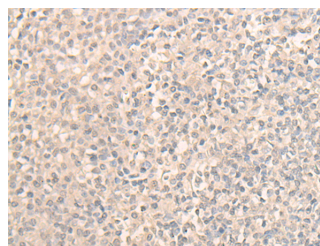
WB	1:500-1:2000
IHC	1:30-1:150

Data



Western blot analysis of 293T cell lysates using DDX59 Polyclonal Antibody at dilution of 1:500

Observed Mw: Refer to figures
Calculated Mw: 69 kDa



Immunohistochemistry of paraffin-embedded Human tonsil tissue using DDX59 Polyclonal Antibody at dilution of 1:30 (×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

DEAD-box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure and ribosome/spliceosome assembly. Based on their distribution patterns, some members of this family may be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX59 (DEAD box protein 59), also known as ZNHIT5 (zinc finger HIT domain-containing protein 5), is a 619 amino acid member of the DEAD box helicase protein family. Like many DEAD box helicase family members, DDX59 contains a Q motif, which controls ATP binding and hydrolysis. Expressed as two isoforms produced by alternative splicing, DDX59 contains one helicase C-terminal domain and one HIT-type zinc finger.

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