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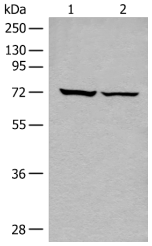
DDX59 Polyclonal Antibody

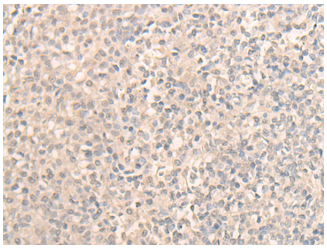
Catalog No.	E-AB-18654	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

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

Images



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



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

Immunogen Information

Immunogen	Fusion protein of human DDX59
Gene Accession	BC041801
Swissprot	Q5T1V6
Synonyms	DDX 59,DDX59,DDX59,Zinc finger HIT domain-containing protein 5,ZNHIT5

Product Information

Calculated MW	69 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

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 domaincontaining 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.