

Product datasheet for **TA370082**

DDX59 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A549 and 293T cell lysates IHC: 30-150 Positive control: Human tonsil Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DDX59
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	69 kDa
Gene Name:	DEAD-box helicase 59
Database Link:	Entrez Gene 83479 Human Q5T1V6



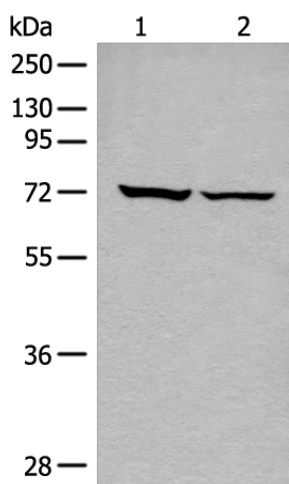
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Background:

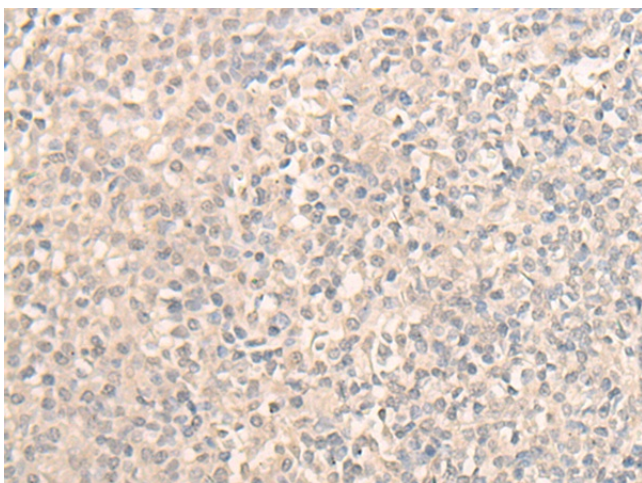
DEAD-box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure and ribosome/spliceosome assembly. Based on their distribution patterns, some members of this family may be involved 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.

Synonyms:

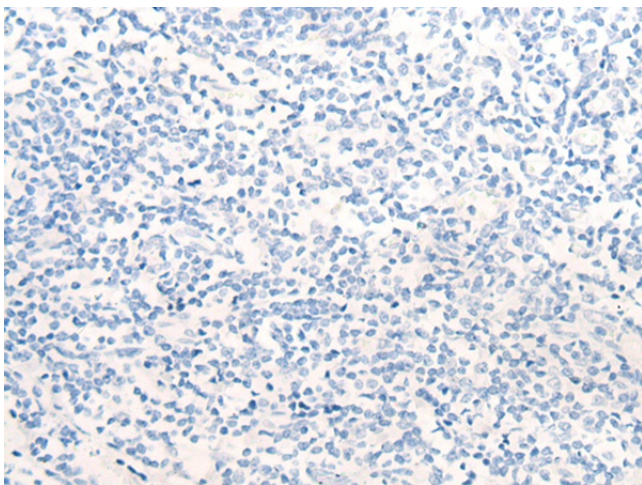
DKFZP564B1023; ZNHIT5

Product images:


Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-2: A549 and 293T cell lysates
 Primary antibody: TA370082 (DDX59 Antibody) at dilution 1/500
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 7 minutes



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370082 (DDX59 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370082 (DDX59 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: x200)