

Anti-DDX41 antibody (1-300) (STJ28659)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

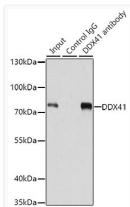
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/CC:1:50-1:100 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 70kDa Observed Mw: 72kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

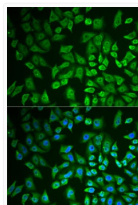
Gene ID	51428
Gene Symbol	DDX41
UniProt ID	DDX41_HUMAN
Immunogen Region	1-300
Immunogen Sequence	MEESEPERKRARTDEVPAGG SRSEAEDEDEDYVPYVPLR QRRQLLQKLLQRRRKGAEE EEQQDSGSEPRGDEDDIPLG PQSNVSLLDQHQHLKEKAEAE RKESAKEKQLKEEEKILES V AEGRALMSVKEMAKGITYDD PIKTSWTPPRYVLSMSEERH ERVRKKYHILVEGDGIPPP I KSFKEMKFPAAILRGLKKKG IHHPTPIQIGIPTILSGRD MIGIAFTGSGKTLVFTLPV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human DDX41 (NP_057306.2).

ADDITIONAL INFORMATION

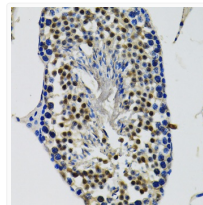
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



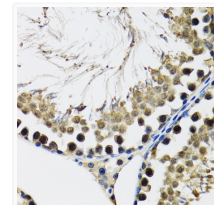
Immunoprecipitation analysis of 200 Mu g extracts of 293T cells using 1 Mu g DDX41 antibody (STJ28659). Western blot was performed from the immunoprecipitate using DDX41 antibody (STJ28659) at a dilution of 1:1000.



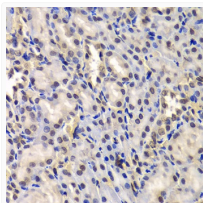
Immunofluorescence analysis of U2OS cells using DDX41 Rabbit polyclonal antibody (STJ28659). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



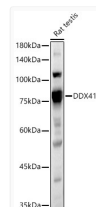
Immunohistochemistry analysis of DDX41 in paraffin-embedded mouse testis using DDX41 Rabbit polyclonal antibody (STJ28659) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of DDX41 in paraffin-embedded rat testis using DDX41 Rabbit polyclonal antibody (STJ28659) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of DDX41 in paraffin-embedded rat kidney using DDX41 Rabbit polyclonal antibody (STJ28659) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from Rat testis, using DDX41 Rabbit polyclonal antibody (STJ28659) at 1:900 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.