Anti-DDX1 antibody (441-740) (STJ28658)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

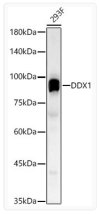
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your speci
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 82kDa Observed Mw: 83kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

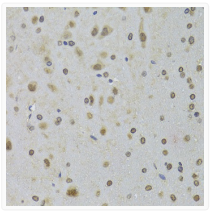
Gene ID	1653
Gene Symbol	DDX1
UniProt ID	DDX1_HUMAN
Immunogen Region	441-740
Immunogen Sequence	VHHVVVPVNPKTDRLWERLG KSHIRTDDVHAKDNTRPGAN SPEMWSEAIKILKGEYAVRA IKEHKMDQAIIFCRTKIDCD NLEQYFIQQGGGPDKKGHQF SCVCLHGDRKPHERKQNLER FKKGDVRFLICTDVAARGID IHGVPYVINVTLPDEKQNYV HRIGRVGRAERMGLAISLVA TEKEKVWYHVCSSRGKGCYN TRLKEDGGCTIWYNEMQLLS EIEEHLNCTISQVEPDIKV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 441-740 of human DDX1 (NP_004930.1).

ADDITIONAL INFORMATION

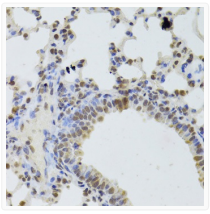
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



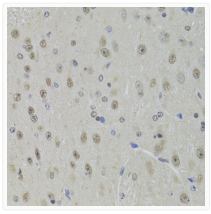
Western blot analysis of 293F, using DDX1 rabbit polyclonal antibody (STJ28658) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



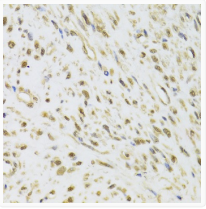
Immunohistochemistry analysis of paraffin-embedded rat brain using DDX1 Antibody (STJ28658) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



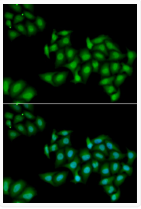
Immunohistochemistry analysis of paraffin-embedded mouse lung using DDX1 Antibody (STJ28658) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



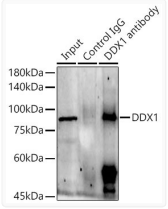
Immunohistochemistry analysis of paraffin-embedded mouse brain using DDX1 Antibody (STJ28658) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human leiomyoma of uterus using DDX1 Antibody (STJ28658) 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.



Immunofluorescence analysis of HeLa cells using DDX1 antibody (STJ28658). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 Mu g extracts of 293F cells using 3 Mu g DDX1 rabbit polyclonal antibody (STJ28658). Western blot was performed from the immunoprecipitate using DDX1 rabbit polyclonal antibody (STJ28658) at a dilition of 1:2000.