

DDX1 Polyclonal Antibody

Catalog number: 11357-1-AP

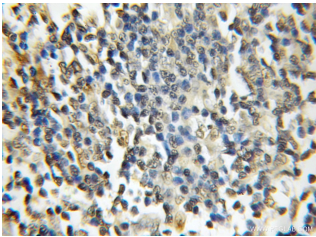
Size: 59 µg/150 µl

Source: Rabbit

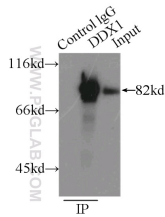
Isotype: IgG

Synonyms:

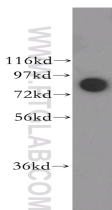
DDX1; DBP RB, DDX1, DEAD box protein 1, UKVH5d



Immunohistochemical of paraffin-embedded human lymphoma using 11357-1-AP(DDX1 antibody) at dilution of 1:50 (under 10x lens)



IP Result of anti-DDX1 (IP:11357-1-AP, 3µg; Detection:11357-1-AP 1:1000) with PC-3 cells lysate 5000µg.



HeLa cells were subjected to SDS PAGE followed by western blot with 11357-1-AP(DDX1 antibody) at dilution of 1:500

Background

DDX1 is a DEAD box protein, which is putative RNA helicases with a characteristic asp-glu-ala-asp (DEAD) box motif. DEAD box proteins involve in translation initiation, splicing, and ribosome and spliceosome assembly by altering RNA secondary structure. As a RNA helicase, DDX1 has a role in RNA clearance at DNA double-strand breaks (DSBs), thereby facilitating the template-guided repair of transcriptionally active regions of the genome.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated DDX1 MW:	740aa, 82 kDa
Observed DDX1 MW:	82 kDa
Positive WB detected in	HeLa cells, COLO 320 cells, HEK-293 cells, PC-3 cells
Positive IP detected in	PC-3 cells
Positive IHC detected in	Human lymphoma tissue
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:500-1:5000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1887
GenBank accession number:	BC012132
Gene ID (NCBI):	1653
Full name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.