

DHX36 Polyclonal Antibody

Catalog number: 13159-1-AP

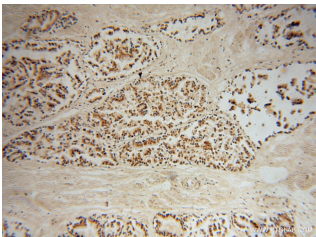
Size: 29 µg/150 µl

Source: Rabbit

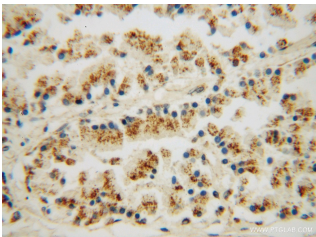
Isotype: IgG

Synonyms:

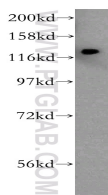
DHX36; DDX36, DEAH box protein 36, DHX36, G4R1, KIAA1488, MLE like protein 1, MLEL1, RHAU



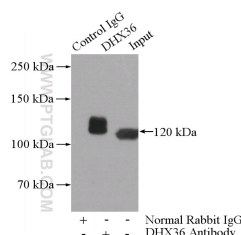
Immunohistochemical of paraffin-embedded human prostate using 13159-1-AP(DHX36 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human prostate using 13159-1-AP(DHX36 antibody) at dilution of 1:50 (under 40x lens)



human brain tissue were subjected to SDS PAGE followed by western blot with 13159-1-AP(DHX36 antibody) at dilution of 1:800



IP Result of anti-DHX36

Background

DHX36, also known as RNA associated with AU-rich element (RHAU) and G4R1, is an adenosine triphosphate (ATP)-dependent RNA helicase that belongs to the DExH/D family of RNA modifying enzymes. Proteins in this family involve in a wide range of cellular functions including RNA splicing, ribosome assembly, messenger RNA (mRNA) stability, microRNA processing, ribonucleoprotein remodeling and RNA trafficking. DHX36 is an RNA helicase that has specificity for DNA and RNA G4-quadruplexes, and resolves G4 structures into separate nucleotide strands for metabolic processing of G-rich sequence.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated DHX36 MW:	1008aa, 115 kDa
Observed DHX36 MW:	120 kDa
Positive WB detected in	Human brain tissue, human liver tissue, PC-3 cells
Positive IP detected in	PC-3 cells
Positive IHC detected in	Human prostate tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag3799
GenBank accession number:	BC036035
Gene ID (NCBI):	170506
Full name:	DEAH (Asp-Glu-Ala-His) box polypeptide 36

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**(IP:13159-1-AP, 5ug;
Detection:13159-1-AP 1:500)
with P C-3 cells lysate 1880ug.**