

Product datasheet for **TA302658**

DDX5 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 0.3-1ug/mL; IHC: 2-5ug/mL
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-PMIGYPMPTGYSQ, from the C Terminus of the protein sequence according to NP_004387.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	69 kDa
Gene Name:	DEAD-box helicase 5
Database Link:	NP_004387 Entrez Gene 13207 MouseEntrez Gene 287765 RatEntrez Gene 480472 DogEntrez Gene 1655 Human P17844



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Background:

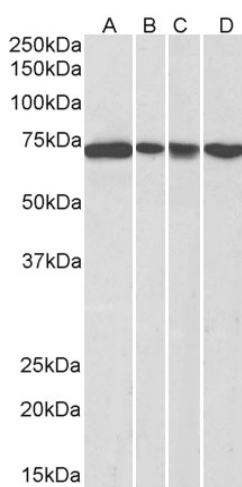
DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. This gene consists of 13 exons, and alternatively spliced transcripts containing several intron sequences have been detected, but no isoforms encoded by these transcripts have been identified. [provided by RefSeq]

Synonyms:

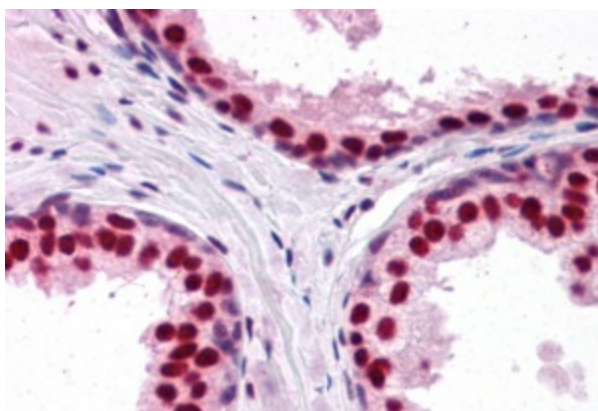
G17P1; HLR1; HUMP68; p68

Protein Pathways:

Spliceosome

Product images:


TA302658 (0.3ug/ml) staining of NIH3T3 (A), HeLa (B), A431 (C) and Jurkat (D) nuclear lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



TA302658 (2.5ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.