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Product datasheet for TA370071S

DDX1 Rabbit Polyclonal Antibody

Product data:

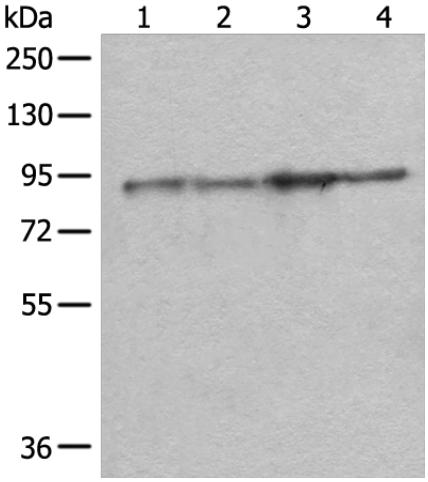
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Rat brain tissue, Mouse brain tissue, A549 and PC-3 cell lysates IHC: 20-100 Positive control: Human lung cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DDX1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	82 kDa
Gene Name:	DEAD/H-box helicase 1
Database Link:	Entrez Gene 1653 Human Q92499

View online »

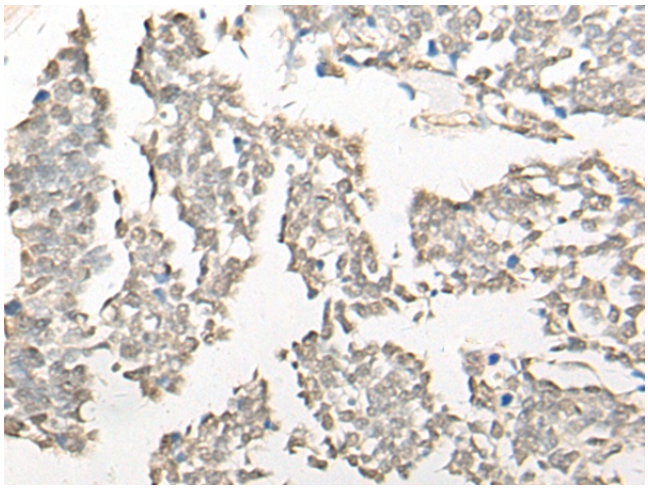
Background: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome 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 of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin.

Synonyms: DBP-RB; OTTHUMP00000115711; UKVH5d

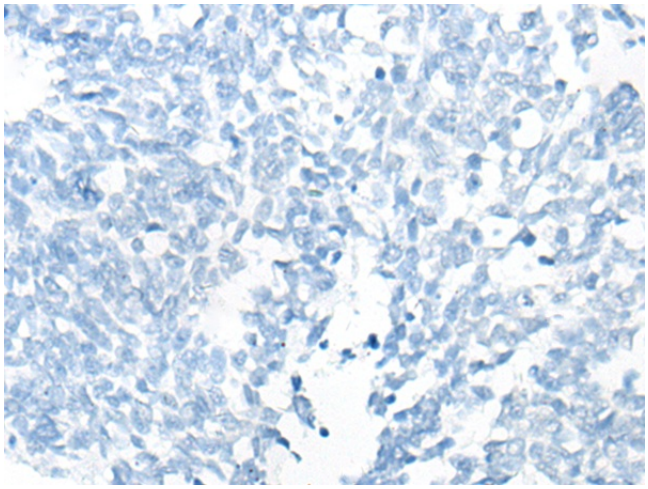
Product images:



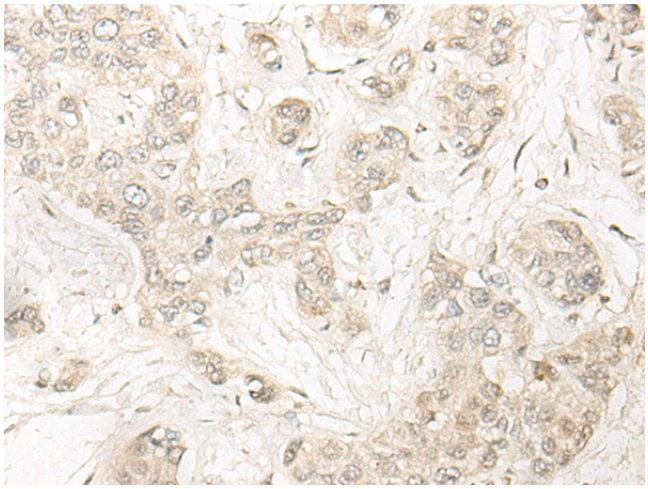
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-4: Rat brain tissue
Mouse brain tissue
A549 and PC-3 cell lysates
Primary antibody: [TA370071] (DDX1 Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 seconds



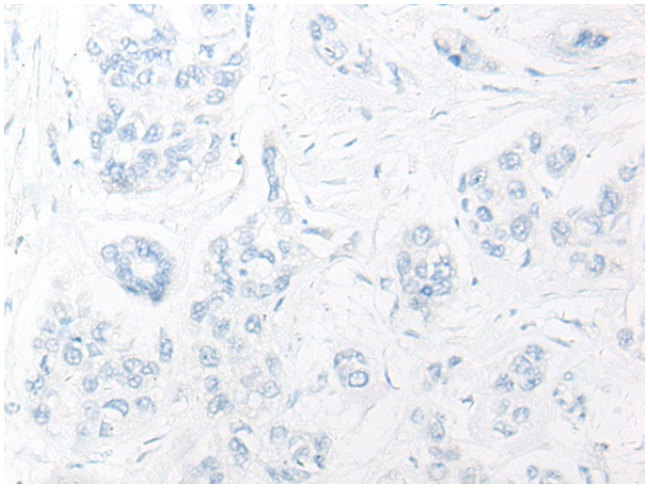
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA370071] (DDX1 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA370071] (DDX1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA370071] (DDX1 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA370071] (DDX1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)