

## Product datasheet for **TA370077S**

### **DDX3 (DDX3X) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DDX3X
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	DEAD-box helicase 3, X-linked
Database Link:	<a href="#">Entrez Gene 1654 Human</a> <a href="#">O00571</a>



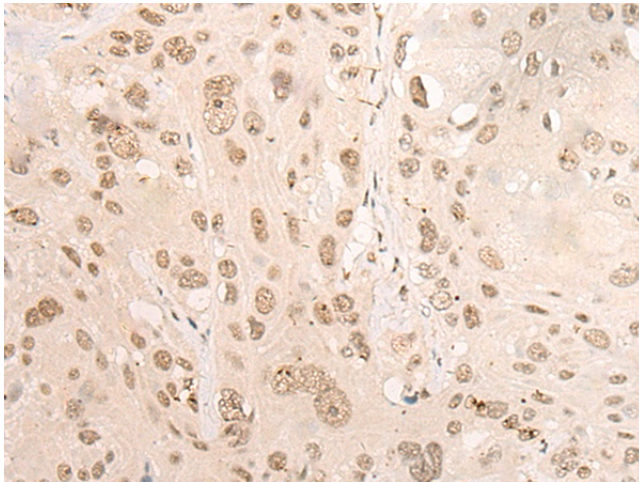
[View online »](#)

**Background:**

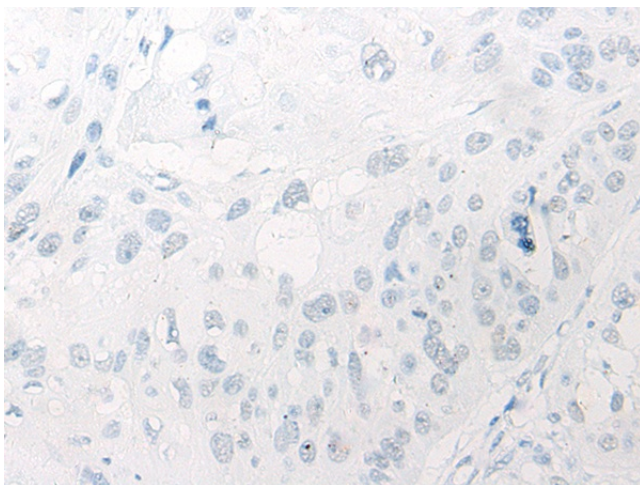
The protein encoded by this gene is a member of the large DEAD-box protein family, that is defined by the presence of the conserved Asp-Glu-Ala-Asp (DEAD) motif, and has ATP-dependent RNA helicase activity. This protein has been reported to display a high level of RNA-independent ATPase activity, and unlike most DEAD-box helicases, the ATPase activity is thought to be stimulated by both RNA and DNA. This protein has multiple conserved domains and is thought to play roles in both the nucleus and cytoplasm. Nuclear roles include transcriptional regulation, mRNP assembly, pre-mRNA splicing, and mRNA export. In the cytoplasm, this protein is thought to be involved in translation, cellular signaling, and viral replication. Misregulation of this gene has been implicated in tumorigenesis. This gene has a paralog located in the nonrecombining region of the Y chromosome. Pseudogenes sharing similarity to both this gene and the DDX3Y paralog are found on chromosome 4 and the X chromosome. Alternative splicing results in multiple transcript variants.

**Synonyms:**

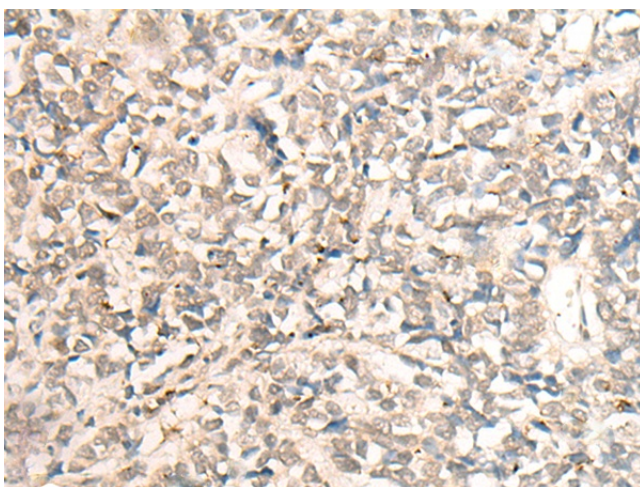
CAP-Rf; DBX; DDX3; DDX14; HLP2

**Product images:**

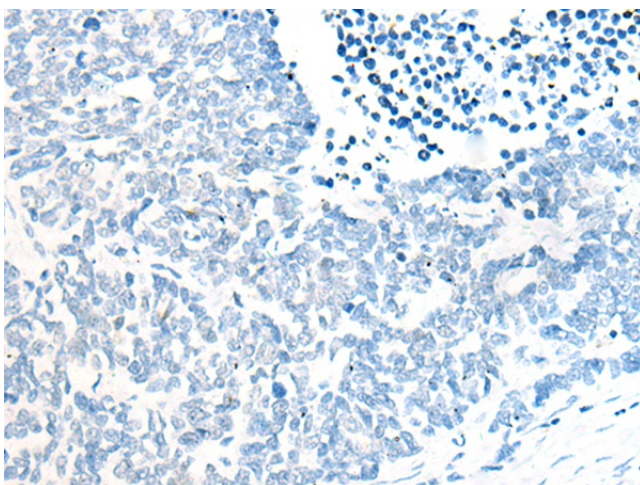
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA370077] (DDX3X Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA370077] (DDX3X Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA370077] (DDX3X Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA370077] (DDX3X Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)