

Datasheet for ABIN7129183

anti-DDX43 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	DDX43
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX43 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of Human DDX43
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen affinity purification

Target Details

Target:	DDX43
Alternative Name:	DDX43 (DDX43 Products)
Background:	Background: DEAD-box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure and ribosome/spliceosome assembly. Based on their distribution patterns, some members of this family may be involved in embryogenesis, spermatogenesis and cellular

Target Details

growth and division. DDX43 (DEAD (Asp-Glu-Ala-Asp) box polypeptide 43), also known as CT13 or HAGE, is a 648 amino acid protein that contains one KH domain, one helicase C-terminal domain and one helicase ATP-binding domain and belongs to the DEAD-box family. Expressed in testis and present at abnormally high levels in a variety of tumors, DDX43 is thought to function as an ATP-dependent RNA helicase that may play a role tumor transformation and metastasis.

Aliases: Cancer/testis antigen 13 antibody, CT13 antibody, DDX43 antibody, DDX43_HUMAN antibody, DEAD box protein 43 antibody, DEAD box protein HAGE antibody, HAGE antibody, Helical antigen antibody, Probable ATP dependent RNA helicase DDX43 antibody, Probable ATP-dependent RNA helicase DDX43 antibody

UniProt: [Q9NXZ2](#)

Application Details

Application Notes: ELISA:1:2000-1:5000, WB:1:200-1:1000, IHC:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

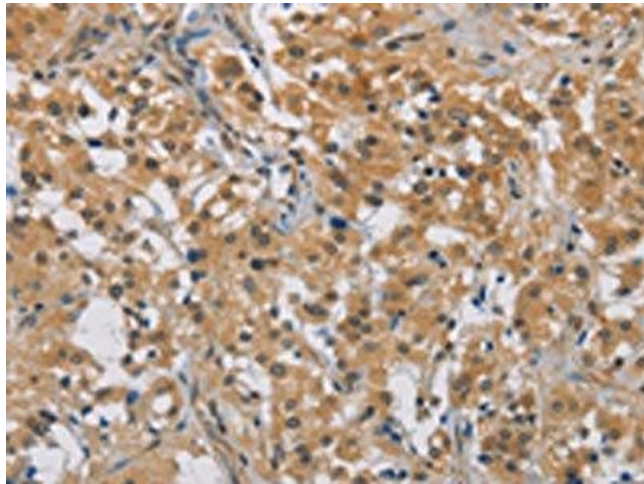
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7129183(DDX43 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x200)



Western Blotting

Image 2. Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane: HepG2 cells, Primary antibody: ABIN7129183(DDX43 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute