

Datasheet for ABIN7164355
anti-DDX4 antibody (AA 1-223)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	DDX4
Binding Specificity:	AA 1-223
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Probable ATP-dependent RNA helicase DDX4 protein (1-223AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DDX4
Alternative Name:	DDX4 (DDX4 Products)
Background:	Background: Probable ATP-dependent RNA helicase required during spermatogenesis (PubMed:10920202, PubMed:21034600). Required to repress transposable elements and

Target Details

preventing their mobilization, which is essential for the germline integrity. Acts via the piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and subsequent repression of transposons. Involved in the secondary piRNAs metabolic process, the production of piRNAs in fetal male germ cells through a ping-pong amplification cycle (By similarity).

Aliases: DDX 4 antibody, Ddx4 antibody, DDX4_HUMAN antibody, DEAD (Asp Glu Ala Asp) box polypeptide 4 antibody, DEAD box protein 4 antibody, DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 4 antibody, MVH antibody, Probable ATP dependent RNA helicase DDX4 antibody, Probable ATP-dependent RNA helicase DDX4 antibody, VASA antibody, Vasa homolog antibody

UniProt: [Q9NQI0](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

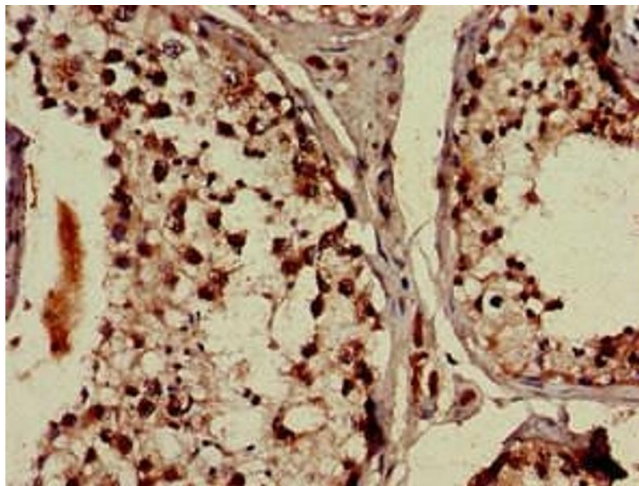
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

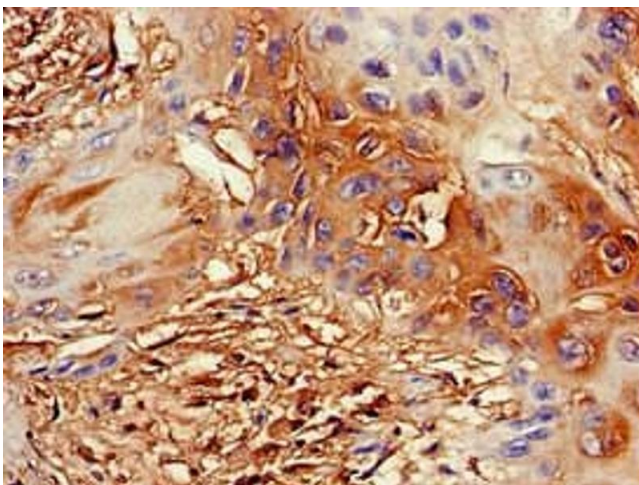
Storage: -20 °C,-80 °C

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



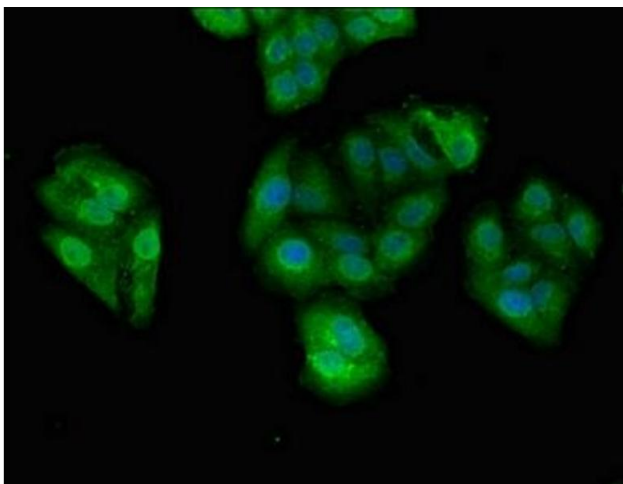
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7164355 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human cervical cancer using ABIN7164355 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7164355 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)