

Datasheet for ABIN5539501  
**anti-Deoxyuridine Triphosphatase (DUT) (Internal Region)  
antibody**

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## Overview

Quantity:	100 µg
Target:	Deoxyuridine Triphosphatase (DUT)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Purpose:	dUTPase / DUT
Sequence:	QLRFARLSEH ATAPT
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_001020419.1, NP_001939.1, NP_001020420.1).
Cross-Reactivity:	Cow, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

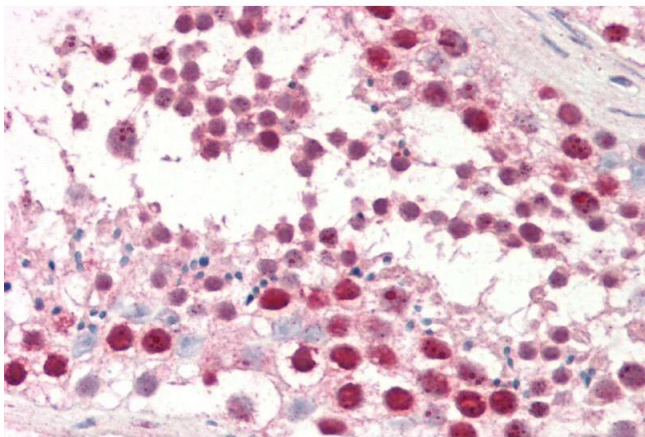
Target:	Deoxyuridine Triphosphatase (DUT)
Alternative Name:	DUT ( <a href="#">DUT Products</a> )
Target Type:	Viral Protein
Background:	DUT, deoxyuridine triphosphatase, dUTPase, dUTP nucleotidohydrolase, dUTP pyrophosphatase, deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial
Gene ID:	1854
NCBI Accession:	<a href="#">NP_001020419</a> , <a href="#">NP_001939</a> , <a href="#">NP_001020420</a>

## Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Testis and Tonsil. Recommended concentration: 5 µg/mL.</p> <p>Western Blot: Approx 20 kDa band observed in lysates of cell lines HEK293 and HeLa (calculated MW of 17.7 kDa according to NP_001939.1). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 hour.</p> <p>Peptide ELISA: antibody detection limit dilution 1:16000.</p>
Restrictions:	For Research Use only

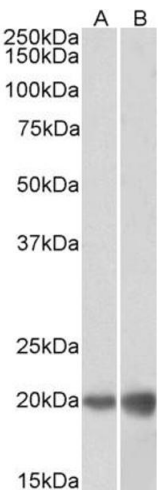
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



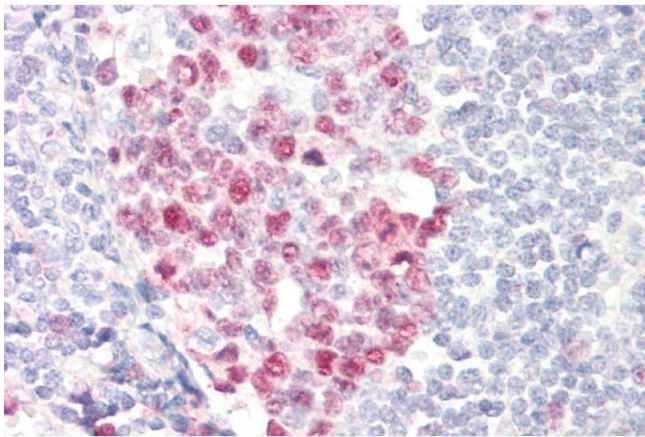
#### Immunohistochemistry

**Image 1.** ABIN5539501 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



#### Western Blotting

**Image 2.** ABIN5539501 (0.1µg/ml) staining of HEK293 (A) and HeLa (B) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.



#### Immunohistochemistry

**Image 3.** ABIN5539501 (5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.