

Datasheet for ABIN7299484
anti-TDG antibody (Center)

2 Images

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Overview

Quantity:	100 µL
Target:	TDG
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDG antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Thymine DNA Glycosylase.
Specificity:	Recognizes endogenous levels of Thymine DNA Glycosylase protein.
Characteristics:	Rabbit polyclonal antibody to Thymine DNA Glycosylase
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	TDG
Alternative Name:	Thymine DNA Glycosylase (TDG Products)
Background:	G/T mismatch-specific thymine DNA glycosylase, Thymine-DNA glycosylase, hTDG

Target Details

Gene ID:	6996, 21665
UniProt:	Q13569 , P56581
Pathways:	DNA Damage Repair , Chromatin Binding

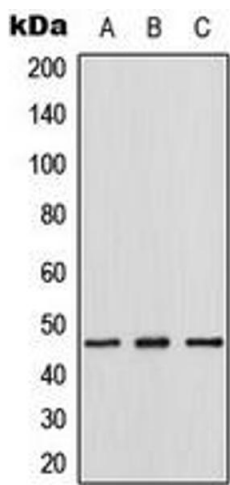
Application Details

Application Notes:	WB (1:500 - 1:1000), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

Handling

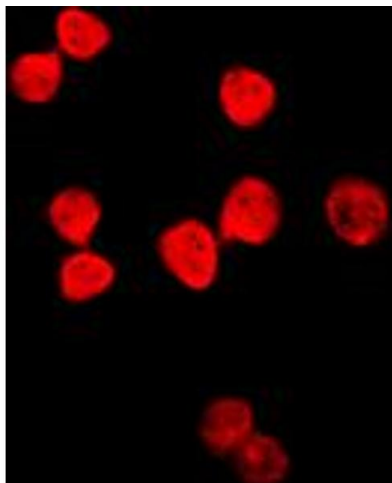
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot analysis of Thymine DNA Glycosylase expression in HeLa (A), mouse lung (B), rat lung (C) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of Thymine DNA Glycosylase staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).