Datasheet for ABIN1533874

anti-TDG antibody (AA 31-80)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	TDG
Binding Specificity:	AA 31-80
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human TDG.
Isotype:	IgG
Specificity:	TDG Antibody detects endogenous levels of total TDG protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

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

Target Details

	NCBI Gene Symbol: TDG
Molecular Weight:	46 kDa
Gene ID:	6996
OMIM:	601423
UniProt:	Q13569
Pathways:	DNA Damage Repair, Chromatin Binding

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:5000
Comment:	Unigene-Number: Hs.584809 (NCBI Gene Symbol: TDG)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % 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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

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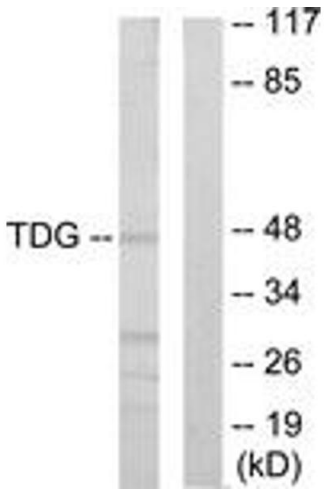

Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using TDG Antibody. The lane on the right is treated with the synthesized peptide.

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