

Rabbit Thymine DNA Glycosylase Polyclonal Antibody | anti-TDG antibody

Anti-Thymine DNA Glycosylase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259923	Rabbit	Human, Mouse, Rat, Bovine	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Thymine DNA Glycosylase; Polyclonal Antibody; Anti-Thymine DNA Glycosylase Antibody; G/T mismatch-specific thymine DNA glycosylase; Thymine-DNA glycosylase; hTDG; anti-TDG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Thymine DNA Glycosylase protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	410
Applicable Applications for anti-TDG antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Thymine DNA Glycosylase. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-TDG antibody	Rabbit polyclonal antibody to Thymine DNA Glycosylase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	59853162
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NCBI GeneID	6996
NCBI Accession #	NP_003202.3
NCBI GenBank Nucleotide #	NM_003211.4
UniProt Accession #	Q13569; Q8IUZ6; Q8IZM3
Molecular Weight	46,053 Da
NCBI Official Full Name	G/T mismatch-specific thymine DNA glycosylase
NCBI Official Synonym Full Names	thymine DNA glycosylase
NCBI Official Symbol	TDG
NCBI Official Synonym Symbols	hTDG
NCBI Protein Information	G/T mismatch-specific thymine DNA glycosylase
UniProt Protein Name	G/T mismatch-specific thymine DNA glycosylase
UniProt Gene Name	TDG
UniProt Synonym Gene Names	hTDG
UniProt Entry Name	TDG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/thymine-dna-glycosylase-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/259923>