

## Rabbit Thymine DNA Glycosylase Polyclonal Antibody | anti-TDG antibody

Anti-Thymine DNA Glycosylase Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA291075</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

### 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                                                                                                                                     |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-TDG antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                                            |
| Preparation and Storage                       | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Dilution: IF 1/50 - 1/200 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 degree 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)

Dilution: WB 1/500 - 1/1000 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 |
|---------------------------------------------------|-------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |                        |
|---------------------------|------------------------|
| NCBI GI #                 | 59853162               |
| 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                | <b>TDG</b>                                    |
| 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-immunofluorescence-western-blot-elisa/291075>