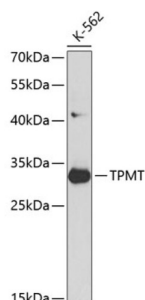


## Thiopurine S-Methyltransferase (TPMT) Antibody

Catalogue No.: abx000960



Western blot analysis of extracts of K562 cells using TPMT Antibody (1/1000 dilution).

TPMT Antibody is a Rabbit Polyclonal antibody against TPMT. This gene encodes the enzyme that metabolizes thiopurine drugs via S-adenosyl-L-methionine as the S-methyl donor and S-adenosyl-L-homocysteine as a byproduct. Thiopurine drugs such as 6-mercaptopurine are used as chemotherapeutic agents. Genetic polymorphisms that affect this enzymatic activity are correlated with variations in sensitivity and toxicity to such drugs within individuals. A pseudogene for this locus is located on chromosome 18q. [provided by RefSeq, Jul 2008].

**Target:** Thiopurine S-Methyltransferase (TPMT)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** WB

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to human TPMT

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P51580 ([UniProt](#), [ExPASy](#))

# Datasheet

Version: 5.0.0

Revision date: 06 Mar 2025



**Gene Symbol:** TPMT

**GeneID:** [7172](#)

**NCBI Accession:** NP\_000358.1

**KEGG:** hsa:7172

**String:** [9606.ENSP00000312304](#)

**Molecular Weight:** Calculated MW: 28 kDa  
Observed MW: 28 kDa

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only