

Datasheet for ABIN7171993

anti-TPMT antibody (AA 4-244) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TPMT
Binding Specificity:	AA 4-244
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPMT antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Thiopurine S-methyltransferase protein (4-244AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TPMT
Alternative Name:	TPMT (TPMT Products)
Background:	Background: TPMT is an enzyme that metabolizes thiopurine drugs via S-adenosyl-L-methionine as the S-methyl donor and S-adenosyl-L-homocysteine as a byproduct. Thiopurine

Target Details

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.

Aliases: HGNC:12014 antibody, S adenosyl L methionine thiopurine S methyltransferase antibody, Thiopurine methyltransferase antibody, Thiopurine S methyltransferase antibody, Thiopurine S-methyltransferase antibody, TPMT antibody, TPMT_HUMAN antibody

UniProt: [P51580](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.