

Anti-TPMT antibody

Cat. No.	ml225354
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-TPMT rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human TPMT
Reactivity	Human
Content	0.96 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	TPMT
Full name	thiopurine S-methyltransferase
Synonyms	TPMTD
Swissprot	P51580

Target Background

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, causing thiopurine S-methyltransferase deficiency. Related pseudogenes have been identified on chromosomes 3, 18 and X.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 28 kDa

Positive control: Human kidney tissue lysate

Recommended dilution: 500-2000

Gel: 12% SDS-PAGE

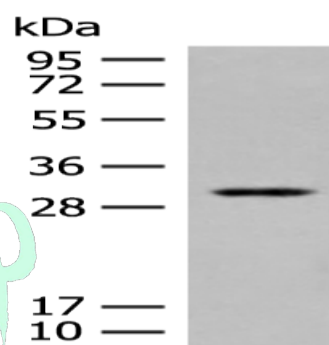
Lysate: 40 µg

Lane: Human kidney tissue lysate

Primary antibody: ml225354 (TPMT Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 5000-10000

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