

TPMT Antibody
Rabbit mAb
Catalog # AP92927**Specification**

TPMT Antibody - Product Information

Application	WB, IHC, FC
Primary Accession	P51580
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Thiopurine methyltransferase; TPMT;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	28180 Da

TPMT Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TPMT
Description	Catalyzes the S-methylation of thiopurine drugs such as 6-mercaptopurine.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

TPMT Antibody - Protein Information**Name** TPMT**Function**

Catalyzes the S-methylation of thiopurine drugs such as 6- mercaptopurine (also called mercaptopurine, 6-MP or its brand name Purinethol) and 6-thioguanine (also called tioguanine or 6-TG) using S- adenosyl-L-methionine as the methyl donor (PubMed:18484748, PubMed:657528). TPMT activity modulates the cytotoxic effects of thiopurine prodrugs. A natural substrate for this enzyme has yet to be identified.

Cellular Location

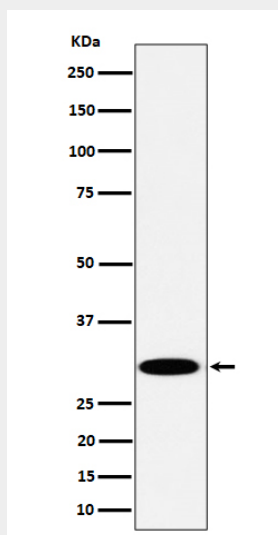
Cytoplasm.

TPMT Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TPMT Antibody - Images



Western blot analysis of TPMT expression in Jurkat cell lysate.