

TPMT Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56588**Specification**

TPMT Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P51580
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28180

TPMT Polyclonal Antibody - Additional Information**Gene ID** 7172**Other Names**

Thiopurine S-methyltransferase, 2.1.1.67, Thiopurine methyltransferase, TPMT

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

TPMT Polyclonal 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 Polyclonal 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 Polyclonal Antibody - Images