

Product Name: TPMT Rabbit Monoclonal antibody**Catalog #: AMRe03236**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.11mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 28 kDa; Observed MW: 28 kDa

Antigen Information

Gene Name	TPMT
Alternative Names	TPMTD
Gene ID	7172
SwissProt ID	P51580
Immunogen	A synthetic peptide of human TPMT

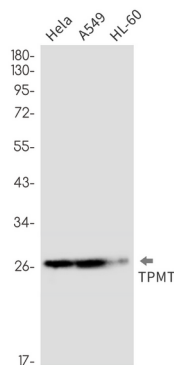
Background

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.

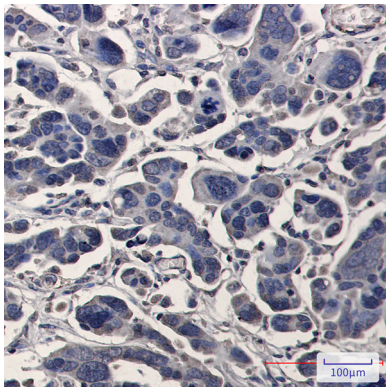
Research Area

Signal Transduction

Image Data



Western blot analysis of TPMT in HeLa, A549, HL-60 lysates using TPMT antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using TPMT antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.