

Rabbit TPMT Polyclonal Antibody | anti-TPMT antibody

TPMT Antibody

CATALOG # AAA169915	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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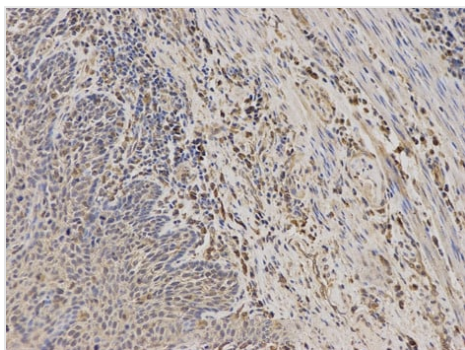
PRODUCT SYNONYMS

TPMT; Polyclonal Antibody; TPMT Antibody; Thiopurine methyltransferase; thiopurine S methyltransferase; anti-TPMT antibody

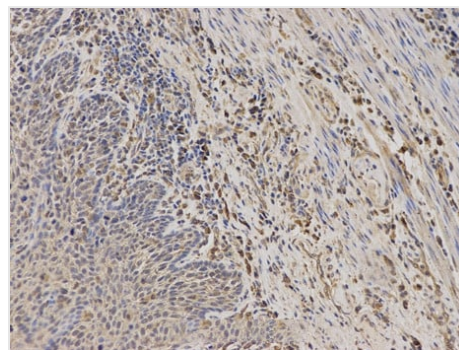
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	245
Applicable Applications for anti-TPMT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human TPMT
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47507 / sc-47506 / sc-47507 / sc-135249
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

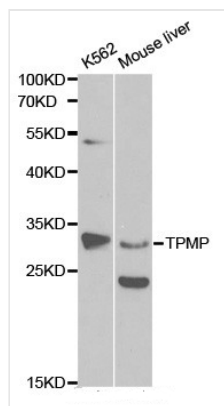
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal cancer using TPMT antibody at dilution of 1:100 (200x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using TPMT antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TPMT antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TPMT antibody

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. A pseudogene for this locus is located on chromosome 18q. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507653
NCBI GeneID	7172
NCBI Accession #	NP_000358.1
NCBI GenBank Nucleotide #	NM_000367.3
Molecular Weight	28,180 Da
NCBI Official Full Name	thiopurine S-methyltransferase
NCBI Official Synonym Full Names	thiopurine S-methyltransferase
NCBI Official Symbol	TPMT
NCBI Protein Information	thiopurine S-methyltransferase; S-adenosyl-L-methionine:thiopurine S-methyltransferase
UniProt Protein Name	Thiopurine S-methyltransferase
UniProt Gene Name	TPMT
UniProt Entry Name	TPMT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tpmt-antibody-immunohistochemistry-western-blot-elisa/169915>