

CAB1017

Product Information

| | | | | | |
|---------------------|---------|----------------------|--------|--------------------|-----------------|
| Product SKU: | CAB1017 | Gene ID: | 7172 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

| | | | |
|-----------------------|-------|-------------------|--------------|
| Observed MW: | 28kDa | Conjugate: | Unconjugated |
| Calculated MW: | 28kDa | Isotype: | IgG |

Immunogen Information

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.

Recommended Dilution: WB,1:500 - 1:2000 IF/ICC,1:10 - 1:100

Synonyms: TPMTD; TPMT

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-245 of human TPMT (NP_000358.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.