

## CAB20922

### Product Information

<b>Product SKU:</b>	CAB20922	<b>Gene ID:</b>	7172	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC2897	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

### Additional Information

<b>Observed MW:</b>	28-32kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	28kDa	<b>Isotype:</b>	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 - 1:1000

**Synonyms:** TPMTD; TPMT

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 50-150 of human TPMT (P51580).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.