

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TPMT



Numéro de catalogue: 10682-1-AP

1 Publications

Informations de base

Numéro de catalogue: 10682-1-AP	Numéro d'acquisition GenBank: BC005339	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7172	Dilutions recommandées: WB 1:1000-1:5000 IF 1:20-1:200
Hôte: Lapin	Nom complet: thiopurine S-methyltransferase	
Isotype: IgG	MW calculé: 28 kDa	
Immunogen Catalog Number: AG1074	MW observés: 28-32 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs: WB : cellules HeLa, tissu rénal de souris IF : cellules HEK-293,
Demandes citées: IHC	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Humain	

Informations générales

The TPMT gene is localized to chromosome 6p22.3 and is approximately 34 kDa in length. It has an open reading frame (ORF) of 735 bp that encodes for a 245-amino acid peptide. The wild type TPMT allele, expressing the enzyme with normal activity. To date, there have been 30 variant TPMT alleles described (PMID: 22493988). Thiopurine compounds are commonly used in the treatment of childhood acute lymphoblastic leukemia, and as immunosuppressants following organ transplantation or for treatment of various autoimmune disorders. Thiopurine S-methyltransferase (TPMT) is required for detoxification, through S-methylation, of 6-thioguanine nucleotides (TGNs), a byproduct of thiopurine metabolism. Catalog# 10682-1-AP is a rabbit polyclonal antibody raised against the full-length of human TPMT. TPMT has a predicted molecular weight of 28 kDa, however, as a result of its phosphorylation it separates on a SDS gel as a band of approximately 28-32 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lingyun Zhang	34322485	Front Cell Dev Biol	IHC

Stockage

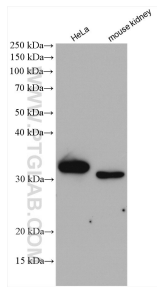
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

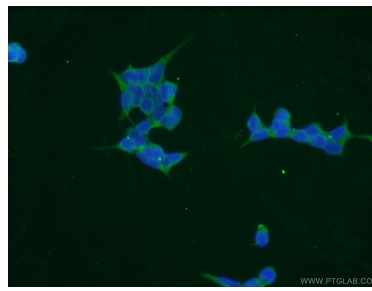
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 10682-1-AP (TPMT antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HEK-293 cells using 10682-1-AP (TPMT antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).