



Thymidylate synthase Rabbit pAb

Catalog No	YP-Ab-18914
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	TYMS TS OK/SW-cl.29
Immunogen	Synthesized peptide derived from human Thymidylate synthase. AA range:197-247
Specificity	This antibody detects endogenous levels of Thymidylate synthase at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TS;TMS;DKCD;HST422;TYMS;TYMS TS OK/SW-cl.29;Thymidylate synthase (TS) (TSase) (EC 2.1.1.45)
Observed Band	36kDa
Calculated Molecular Weight	36kDa
Cell Pathway	Nucleus . Cytoplasm . Mitochondrion . Mitochondrion matrix . Mitochondrion inner membrane .
Tissue Specificity	
Function	Catalyzes the reductive methylation of 2'-deoxyuridine 5'-monophosphate (dUMP) to thymidine 5'-monophosphate (dTMP), using the cosubstrate, 5,10-methylenetetrahydrofolate (CH ₂ H ₄ folate) as a 1-carbon donor and reductant and contributes to the de novo mitochondrial thymidylate biosynthesis pathway.
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images