

## Product datasheet for **TA319270**

### Thymidylate Synthase (TYMS) Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:10,000 - 1:50,000, WB: 1:500- 1:2,000
Reactivity:	Human, Rat, Mouse
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	This whole sheep serum was prepared by repeated immunizations with recombinant human Thymidylate Synthase (36 kDa) produced in E.coli.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	thymidylate synthetase
Database Link:	<a href="#">NP_001062</a> <a href="#">Entrez Gene 22171 Mouse</a> <a href="#">Entrez Gene 29261 Rat</a> <a href="#">Entrez Gene 7298 Human</a> <a href="#">P04818</a>
Synonyms:	HST422; TMS; TS
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, One carbon pool by folate, Pyrimidine metabolism



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**Product images:**

Anti-TS is shown to detect thymidylate synthase present in a HeLa cell extract. Each lane is estimated to contain 4 ug of protein. Lanes 1, 2 and 3 represent 1:2,000, 1:5,000 and 1:10,000 fold dilutions of the antibody. Detection was made using HRP Rabbit-a-Sheep IgG (613-4302) diluted 1:1,000 and color development using TMB (TMBM-100) substrate for approximately 4'.