

Rabbit anti-Human, Rat Thymidylate Synthetase Polyclonal Antibody | anti-TYMS antibody

Polyclonal Antibody to Thymidylate Synthetase (TYMS)

CATALOG # AAA143797	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot
-------------------------------	-----------------------	---------------------------------	---

PRODUCT SYNONYMS

Thymidylate Synthetase; Polyclonal Antibody; Polyclonal Antibody to Thymidylate Synthetase (TYMS); anti-TYMS antibody

PRODUCT SPECIFICATIONS

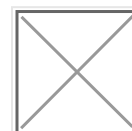
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TYMS. It has been selected for its ability to recognize TYMS in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	1mg/ml (varies by lot)
Sequence Length	313
Applicable Applications for anti-TYMS antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	TYMS (Gln36~Val313)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Rat
Conjugate	No Conjugate
Immunogen	Recombinant TYMS (Gln36~Val313) expressed in E Coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type U2OS cell lysate; Lane 2: TYMS knockout U2OS cell lysate; Predicted MW: 36,32,26kd Observed MW: 38kd Primary Ab: 1ug/ml Rabbit Anti-Human TYMS Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin- embedded testis tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human U2OS cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human TYMS Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-TYMS antibody

[Knock-Out Validation Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507751
NCBI GeneID	7298
NCBI Accession #	NP_001062.1
NCBI GenBank Nucleotide #	NM_001071.2
UniProt Accession #	P04818 ; Q8WYK3 ; Q8WYK4
Molecular Weight	26,140 Da
NCBI Official Full Name	thymidylate synthase
NCBI Official Synonym Full Names	thymidylate synthetase
NCBI Official Symbol	TYMS
NCBI Official Synonym Symbols	TS; TMS; HST422
NCBI Protein Information	thymidylate synthase
UniProt Protein Name	Thymidylate synthase
UniProt Gene Name	TYMS
UniProt Synonym Gene Names	TS; TS; TSase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/thymidylate-synthetase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143797>