

Anti-TYMS antibody (1-313) (STJ112471)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

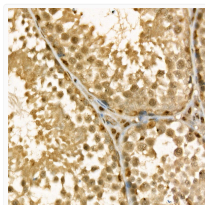
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa Observed Mw: 36kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

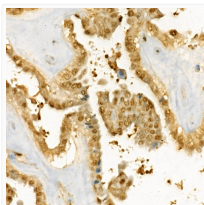
Gene ID	7298
Gene Symbol	TYMS
UniProt ID	TYSY_HUMAN
Immunogen Region	1-313
Immunogen Sequence	MPVAGSELPRRLPPAAQER DAEPRPPHGELQYLQGIQHI LRCGVRKDDRTGTGTLGVFG MQARYSLRDEFLLTTKRVF WKGVLLELLWFIKGSTNAKE LSSKGVKIWDANGSRDFLDS LGFSTREEGDLGPVYGFQWR HFGEAYRDMESDYSQGQVDQ LQRVIDTIKTNPDDRRIMC AWNPRDLPLMALPPCHALCQ FYVNSELSCLYQSRGDMG LGVPFNIA SYALLTYMIAH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-313 of human TYMS (NP_001062.1).

ADDITIONAL INFORMATION

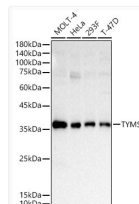
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Immunohistochemistry analysis of TYMS in paraffin-embedded mouse testis using TYMS Rabbit polyclonal antibody (STJ112471) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of TYMS in paraffin-embedded human thyroid cancer using TYMS Rabbit polyclonal antibody (STJ112471) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using TYMS Rabbit polyclonal antibody (STJ112471) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/ proteins: 25 Mu g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: 60s.