

PACO50078

---

## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IF, IP

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000,  
IF:1:50-1:200, IP:1:200-1:2000

**Protein Background:**

Contributes to the de novo mitochondrial thymidylate biosynthesis pathway.

**Gene ID:**

TYMS

**Uniprot**

P04818

**Synonyms:**

Thymidylate synthase (TS) (TSase) (EC 2.1.1.45), TYMS, TS

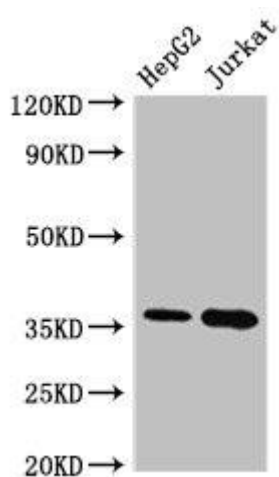
**Immunogen:**

Recombinant Human Thymidylate synthase protein (2-54AA).

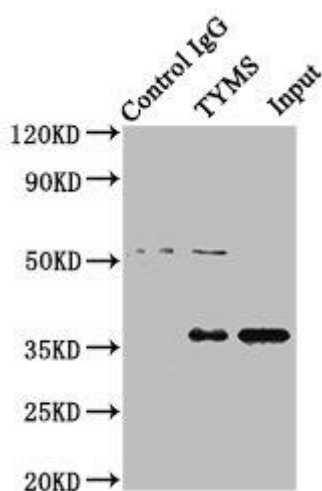
**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

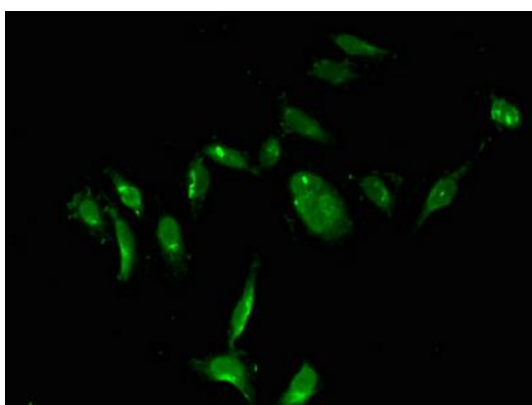
## Product Images



Western Blot. Positive WB detected in: HepG2 whole cell lysate, Jurkat whole cell lysate. All lanes: TYMS antibody at 2.4 $\mu$ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 36, 32, 27 kDa. Observed band size: 36 kDa.



Immunoprecipitating TYMS in HeLa whole cell lysate. Lane 1: Rabbit control IgG instead of PACO50078 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: PACO50078 (8 $\mu$ g) + HeLa whole cell lysate (500 $\mu$ g). Lane 3: HeLa whole cell lysate (10 $\mu$ g).



Immunofluorescent analysis of HeLa cells using PACO50078 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).