

Anti-GOT1 antibody (150-250) [S7MR] (STJ11101317)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

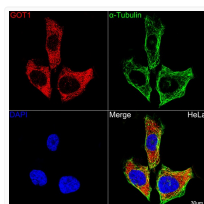
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 46kDa Observed Mw: 41kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

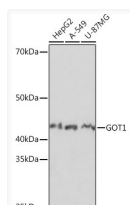
Gene ID	2805
Gene Symbol	GOT1
UniProt ID	AATC_HUMAN
Immunogen Region	150-250
Immunogen Sequence	AAGFKDIRSYRYWDAEKRL DLQGFNDLENAPEFSIVVL HACAHNPTGIDPTPEQWKQI ASVMKHRFLFPFFDSAYQGF ASGNLERDAWAIRYFVSEGF E
Specificity	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human GOT1 (NP_002070.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Confocal imaging of HeLa cells using GOT1 Rabbit monoclonal antibody (STJ11101317, dilution 1:100) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 60x.



Western blot analysis of various lysates using GOT1 Rabbit monoclonal antibody (STJ11101317) 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: 1s.

