

Anti-GOT1 antibody

Cat. No.	ml221954
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GOT1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human GOT1
Reactivity	Human, Mouse, Rat
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GOT1
Full name	glutamic-oxaloacetic transaminase 1, soluble

Synonyms cCAT; GIG18; cAspAT; ASTQTL1

Swissprot P17174

Target Background

Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology.

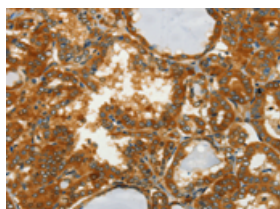
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200

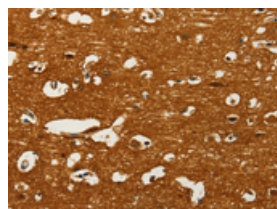


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221954(GOT1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml221954(GOT1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 46 kDa

Positive control: Human normal liver tissue, mouse brain and heart tissue

Recommended dilution: 1000-5000

Gel: 15%SDS-PAGE

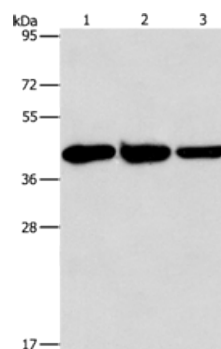
Lysate: 40 µg

Lane 1-3: Human normal liver tissue, mouse brain tissue, Mouse heart tissue

Primary antibody: ml221954(GOT1 Antibody) at dilution 1/1600

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



ELISA

Recommended dilution: 2000-10000

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