

Datasheet for ABIN7142326
anti-MPST antibody (AA 102-208)

3 Images

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Overview

Quantity:	100 µg
Target:	MPST
Binding Specificity:	AA 102-208
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPST antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human 3-mercaptopyruvate sulfurtransferase protein (102-208AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MPST
Alternative Name:	MPST (MPST Products)
Background:	Background: Transfer of a sulfur ion to cyanide or to other thiol compounds. Also has weak rhodanese activity. Detoxifies cyanide and is required for thiosulfate biosynthesis. Acts as an

Target Details

antioxidant. In combination with cysteine aminotransferase (CAT), contributes to the catabolism of cysteine and is an important producer of hydrogen sulfide in the brain, retina and vascular endothelial cells. Hydrogen sulfide H₂S is an important synaptic modulator, signaling molecule, smooth muscle contractor and neuroprotectant. Its production by the 3MST/CAT pathway is regulated by calcium ions (By similarity).

Aliases: 3 mercaptopyruvate sulfurtransferase antibody, 3-mercaptopyruvate sulfurtransferase antibody, Human liver rhodanese antibody, Mercaptopyruvate sulfurtransferase antibody, MGC24539 antibody, MPST antibody, MST antibody, THTM_HUMAN antibody, TST2 antibody

UniProt: [P25325](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

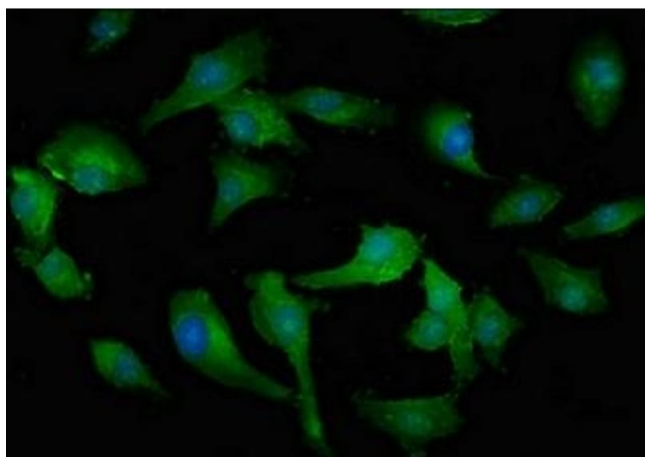
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

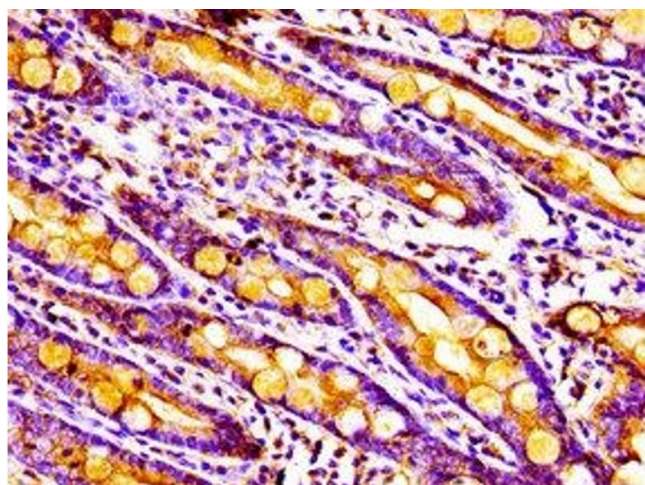
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



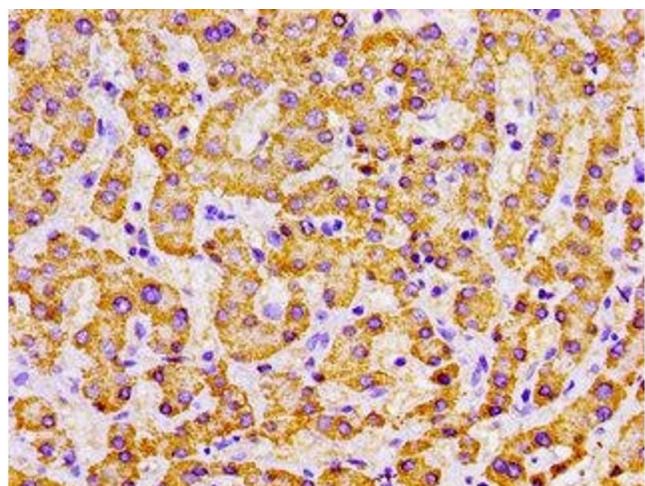
Immunofluorescence

Image 1. Immunofluorescent analysis of U251 cells using ABIN7142326 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7142326 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7142326 at dilution of 1:100