

Datasheet for ABIN7435064  
**anti-MPST antibody (AA 1-297)**

## 5 Images

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## Overview

Quantity:	100 µL
Target:	MPST
Binding Specificity:	AA 1-297
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPST antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to 3-Mercaptopyruvate Sulfurtransferase (MST)
Immunogen:	Recombinant 3-Mercaptopyruvate Sulfurtransferase (MST) corresponding to Met1~Gln297
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MST. It has been selected for its ability to recognize MST in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

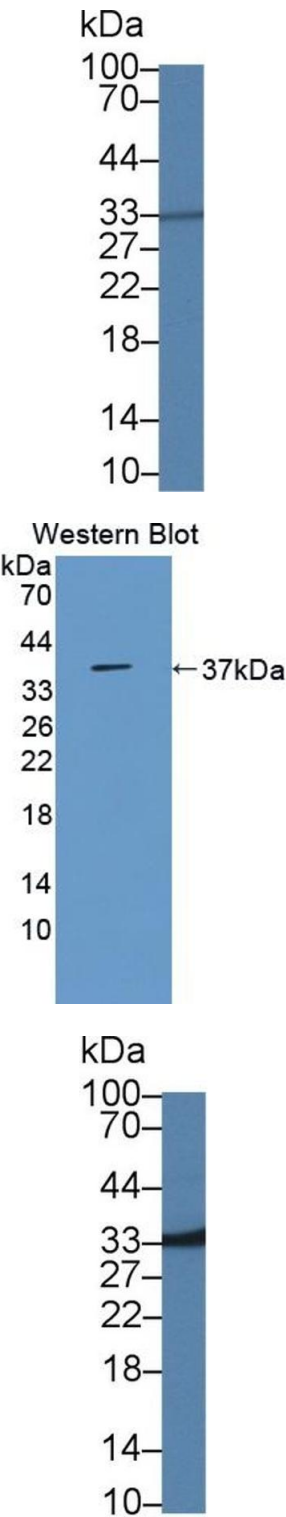
Target:	MPST
Alternative Name:	3-Mercaptopyruvate Sulfurtransferase ( <a href="#">MPST Products</a> )
Background:	MPST, TST2, Human Liver Rhodanese, Mercaptopyruvate Sulfurtransferase

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:180-740 Immunohistochemistry: 5-20 µg/mL 1:18-74 Immunocytochemistry: 5-20 µg/mL 1:18-74 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



**Western Blotting**

**Image 1.** Detection of MST in Mouse Pancreas lysate using Polyclonal Antibody to 3-Mercaptopyruvate Sulfurtransferase (MST)

**Western Blotting**

**Image 2.** Detection of Recombinant MST, Mouse using Polyclonal Antibody to 3-Mercaptopyruvate Sulfurtransferase (MST)

**Western Blotting**

**Image 3.** Detection of MST in Rat Liver lysate using Polyclonal Antibody to 3-Mercaptopyruvate Sulfurtransferase (MST)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7435064.