



Anti-MST antibody ab154514

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Overview

Product name	Anti-MST antibody
Description	Rabbit polyclonal to MST
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Human MST aa 200-300 (C terminal). Database link: P25325 <div>  Run BLAST with  Run BLAST with </div>
Positive control	Recombinant Human MST protein (ab114832) can be used as a positive control in WB. WB: A431 cells. Mouse tissue extract. IHC-P: CL1-5 xenograft tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154514 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 33 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Alternatively Tris-EDTA buffer (pH8.0) may be used.

Target

Function

Transfer of a sulfur ion to cyanide or to other thiol compounds. Also has weak rhodanese activity. May have a role in cyanide degradation or in thiosulfate biosynthesis.

Sequence similarities

Contains 2 rhodanese domains.

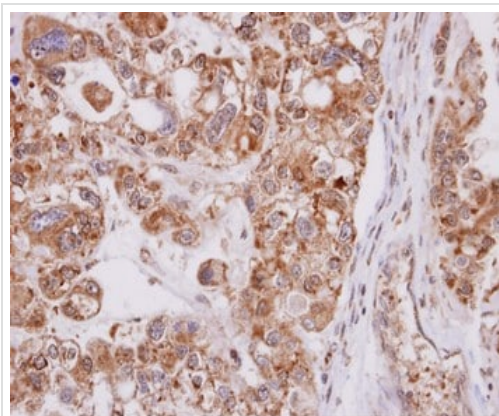
Domain

The structure consists of 2 domains of very similar conformation, suggesting a common evolutionary origin. However, the sequences of the 2 domains are very different.

Cellular localization

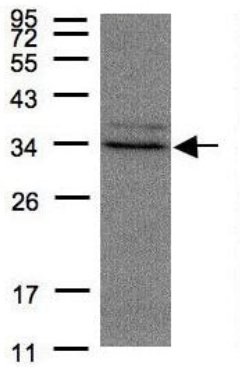
Cytoplasm.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded CL1-5 xenograft labeling MST with ab154514 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MST antibody (ab154514)

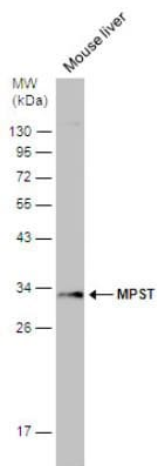


Western blot - Anti-MST antibody (ab154514)

Anti-MST antibody (ab154514) at 1/500 dilution + A431 whole cell lysate at 30 µg

Predicted band size: 33 kDa

12% SDS PAGE



Western blot - Anti-MST antibody (ab154514)

Anti-MST antibody (ab154514) at 1/500 dilution + Mouse tissue extract at 50 µg

Predicted band size: 33 kDa

12% SDS-PAGE

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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