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MST2 Antibody (c-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog# PAB1011
Lot# SH209271

Materials Provided

1. Purified Pab in PBS containing 0.09% NaN_3 (0.1 mg).
2. Product Information Sheet.

Receiving and Storage:

If received in liquid form, spin the vials briefly in a microcentrifuge to collect the contents. Store the products at 2-8^{0}C if used within 2-4 weeks and store at –20^{0}C for extended storage. Avoid repeated freeze-thaw cycles.

Format: Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Concentration:	0.25 mg/ml
Animal:	Rabbit RB1196
Isotype:	Rabbit Ig G
MW(kDa):	56.26
Target/Specificity:	Generated from rabbits immunized with a KLH- conjugated peptide selected from the C-terminal region of human MST2.
Reactivity:	H, M, R, Pr
Applications:	WB, E, IHC

Suggested Dilutions:

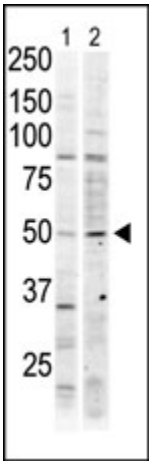
ELISA:	1:1,000
Western blotting:	1:100 to 1:500
Immunohistochemistry:	1:50 to 1:100

Background: MST2, a member of the STE20 subfamily of Ser/Thr protein kinases, is an oxidant stress-activated serine/threonine kinase that may play a role in the response to environmental stress. It is expressed at high levels in adult kidney, skeletal and placenta tissues and at very low levels in adult heart, lung and brain tissues. The protein contains 1 SARAH domain.

In the literature, MST2 is also called STE20-like kinase MST2, Serine/threonine protein kinase 3, Mammalian STE20-like protein kinase 2, Serine/threonine protein kinase Krs-1

Selected References On MST2:

1. Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).
2. Taylor, L.K., et al., Proc. Natl. Acad. Sci. U.S.A. 93(19):10099-10104 (1996).
3. Schultz, S.J., et al., Cell Growth Differ. 4(10):821-830 (1993).
4. Creasy, C.L., et al., Gene 167 (1-2), 303-306 (1995).



The anti-MST2 Pab (Cat. #AP7923a) is used in Western blot to detect MST2 in Jurkat cell lysate (lane 1) and mouse ovary tissue lysate (lane 2).

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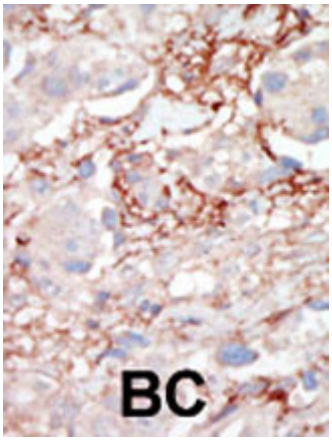

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.