

Product Data Sheet

Anti-MST4 Antibody

Catalog #	Source	Reactivity	Applications
CQA5122	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to MST4		
Immunogen	Recombinant fusion protein of human MST4. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of MST4 protein		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	MST4		
Alternative Names	MASK; Serine/threonine-protein kinase MST4; Mammalian STE20-like protein kinase 4; MST-4; Mst3 and SOK1-related kinase; STE20-like kinase MST4; Serine/threonine-protein kinase MASK		
Entrez Gene	51765 (Human); 70415 (Mouse)		
SwissProt	Q9P289 (Human); Q99JT2 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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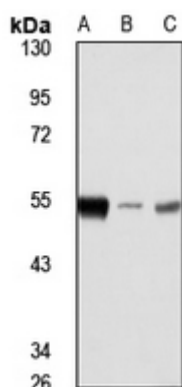
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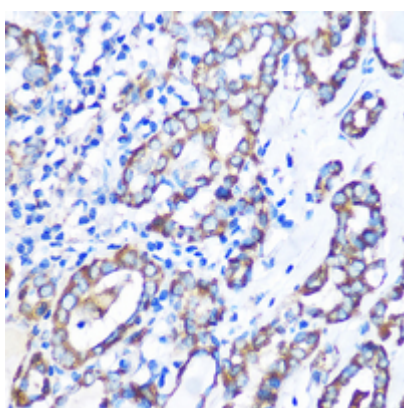
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Western blot analysis of MST4 expression in HeLa (A), mouse spleen (B), mouse lung (C) whole cell lysates. (Predicted band size: 37; 39; 46 kD; Observed band size: 47 kD)



Immunohistochemical analysis of MST4 staining in human thyroid cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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