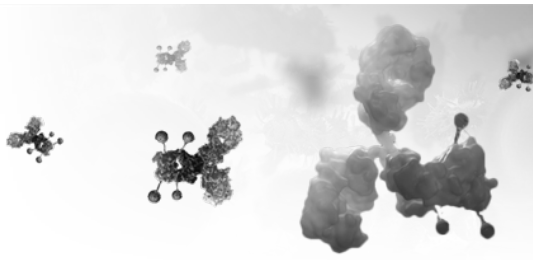

Rabbit Anti-MST2 monoclonal antibody, clone TD16-94 (CABT-L716)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Mst2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TD16-94
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC, IP
Molecular Weight	36/56 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	CRC, HCT116, mouse placenta tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Sterile-20 (Ste20) is a serine/threonine kinase in Saccharomyces cerevisiae that is involved in relaying signals from G protein-coupled receptors to cyto-solic MAP kinase cascades. Mammalian protein kinases that display sequence similarity to Ste20 are divided into two groups, the PAK subfamily and the GCK subfamily. The PAK subfamily members contain a C-terminal catalytic domain and an N-terminal regulatory domain with a p21Rac/Cdc42-binding site, and these kinases can activate both p38 MAPK and JNK. The GCK subfamily members contain a C-terminal regulatory domain and an N-terminal catalytic domain, and they have diverse roles in many pathways, including the activation of ERK, JNK, p38 MAPK, and caspase-3. The mammalian Ste20-like kinases (MST kinases), also known as Krs proteins, are members of the GCK subfamily. Ksr-1 (MST-2) and Ksr-2 (MST-1) are both direct substrates of caspase-3 that accelerate caspase-3 activation. MST-3 is ubiquitously expressed in mammalian tissue and can phosphorylate exogenous substrates as well as itself. MST-4 is highly expressed in placenta, thymus, and peripheral blood leukocytes, and it specifically activates ERK.
Keywords	DKFZp686A2068;FLJ90748;KRS1;KRS2;Mammalian STE20 like protein kinase 1;Mammalian STE20 like protein kinase 2;MST 1;MST 2;MST1;MST2;Serine/threonine kinase 3 (STE20 homolog yeast);Serine/threonine kinase 3 (Ste20 yeast homolog);Serine/threonine kinase 3;Serine/threonine kinase 4;Serine/threonine protein kinase 3;Serine/threonine protein kinase 4;Serine/threonine protein kinase Krs 1;Serine/threonine protein kinase Krs 2;STE20 like kinase MST1;STE20 like kinase MST2;STK 3;STK 4;STK3;STK4;YSK3 antibody

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