



# Anti-MST4 (aa 331-415) polyclonal antibody (DPAB-DC2208)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	The product of this gene is a member of the GCK group III family of kinases, which are a subset of the Ste20-like kinases. The encoded protein contains an amino-terminal kinase domain, and a carboxy-terminal regulatory domain that mediates homodimerization. The protein kinase localizes to the Golgi apparatus and is specifically activated by binding to the Golgi matrix protein GM130. It is also cleaved by caspase-3 in vitro, and may function in the apoptotic pathway. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.
<b>Immunogen</b>	RP6-213H19.1 (NP_057626, 331 a.a. ~ 415 a.a) partial recombinant protein with GST tag. The sequence is KKPDPKKVQNGAEQDLVQTLSCLSMIITPAFAELKQQDENNASRNQAIEELEKSIIVAAEA ACPGITDKMVKKLIEKFQKCSADES
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MST4 serine/threonine protein kinase MST4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MST4
<b>Synonyms</b>	MST4; MASK; serine/threonine-protein kinase MST4; STE20-like kinase MST4; mammalian sterile 20-like 4; Mst3 and SOK1-related kinase; serine/threonine-protein kinase MASK; mammalian Ste20-like protein kinase 4;
<b>Entrez Gene ID</b>	<a href="#">51765</a>
<b>Protein Refseq</b>	<a href="#">NP_001035917</a>
<b>UniProt ID</b>	<a href="#">Q9P289</a>
<b>Chromosome Location</b>	Xq26.2
<b>Pathway</b>	Apoptosis; Apoptotic execution phase;
<b>Function</b>	ATP binding; identical protein binding; magnesium ion binding; protein binding