



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

Antigen Description	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.
Immunogen	RP6-213H19.1 (NP_057626, 331 a.a. ~ 415 a.a) partial recombinant protein with GST tag. The sequence is KKPDPKKVQNGAEQDLVQTLSCLSMIITPAFAELKQQDENNASRNQAIEELEKSIAVA ACPGITDKMVKKLIEKFQKCSADES
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MST4 serine/threonine protein kinase MST4 [Homo sapiens (human)]
Official Symbol	MST4
Synonyms	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;
Entrez Gene ID	51765
Protein Refseq	NP_001035917
UniProt ID	Q9P289
Chromosome Location	Xq26.2
Pathway	Apoptosis; Apoptotic execution phase;
Function	ATP binding; identical protein binding; magnesium ion binding; protein binding
