

STK4 rabbit monoclonal antibody

Catalog # H00006789-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human STK4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human STK4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human STK4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — STK4

Entrez GeneID	6789
GeneBank Accession#	STK4
Gene Name	STK4
Gene Alias	DKFZp686A2068, KRS2, MST1, YSK3
Gene Description	serine/threonine kinase 4
Omim ID	604965
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast Ste20p kinase, which acts upstream of the stress-induced mitogen-activated protein kinase cascade. The encoded protein can phosphorylate myelin basic protein and undergoes autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation catalyzed by this protein has been correlated with apoptosis, and it's possible that this protein induces the chromatin condensation observed in this process. [provided by RefSeq]
Other Designations	OTTHUMP00000043418 dJ211D12.2 (serine/threonine kinase 4 (MST1, KRS2)) kinase responsive to stress 2 mammalian sterile 20-like 1 yeast Ste20-like

Pathway

- [MAPK signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)