

STK3 rabbit monoclonal antibody

Catalog # H00006788-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human STK3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human STK3 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 STK3 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 — STK3

Entrez GeneID [6788](#)

GeneBank Accession# [STK3](#)

Gene Name STK3

Gene Alias FLJ90748, KRS1, MST2

Gene Description serine/threonine kinase 3 (STE20 homolog, yeast)

Omim ID [605030](#)

Gene Ontology [Hyperlink](#)

Gene Summary Protein kinase activation is a frequent response of cells to treatment with growth factors, chemical s, heat shock, or apoptosis-inducing agents. This protein kinase activation presumably allows cell s to resist unfavorable environmental conditions. The yeast 'sterile 20' (Ste20) kinase acts upstrea m of the mitogen-activated protein kinase (MAPK) cascade that is activated under a variety of str ess conditions. MST2 was identified as a kinase that is activated by the proapoptotic agents stra urosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed 8816758]; Lee et al., 200 1 [PubMed 11278283]).[supplied by OMIM]

Other Designations serine/threonine kinase 3 (Ste20, yeast homolog)

Pathway

- [MAPK signaling pathway](#)