

STK24 rabbit monoclonal antibody

Catalog # H00008428-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human STK24 peptide using ARM Technology.
Immunogen	A synthetic peptide of human STK24 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 STK24 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 — STK24

Entrez GeneID	8428
GeneBank Accession#	STK24
Gene Name	STK24
Gene Alias	MST-3, MST3, MST3B, STE20, STK3
Gene Description	serine/threonine kinase 24 (STE20 homolog, yeast)
Omim ID	604984
Gene Ontology	Hyperlink
Gene Summary	The yeast 'Sterile 20' gene (STE20) functions upstream of the mitogen-activated protein kinase (MAPK) cascade. In mammals, protein kinases related to STE20 can be divided into 2 subfamilies based on their structure and regulation. Members of the PAK subfamily (see PAK3; MIM 300142) contain a C-terminal catalytic domain and an N-terminal regulatory domain that has a CDC42 (MIM 116952)-binding domain. In contrast, members of the GCK subfamily (see MAP4K2; MIM 603166), also called the Sps1 subfamily, have an N-terminal catalytic domain and a C-terminal regulatory domain without a CDC42-binding domain. STK24 belongs to the GCK subfamily of STE20-like kinases (Zhou et al., 2000 [PubMed 10644707]).[supplied by OMIM]
Other Designations	OTTHUMP00000018592 OTTHUMP00000018593 STE20-like kinase 3 serine/threonine kinase 24 sterile 20-like kinase 3

Disease

- [Bipolar Disorder](#)
- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)