MAK3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MAK3, Polyclonal Antibody
Full Product Name	Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) MAK3 Polyclonal Antibody
Product Gene Name	anti-MAK3 antibody
Product Synonym Names	MAK3 Antibody; Peroxide stress-activated histidine kinase mak3; EC 2.7.13.3; His-Asp phosphorelay kinase phk2; Mcs4-associated kinase 3; mak3 phk2 SPCC74.06
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	266,850 Da
3D Structure	ModBase 3D Structure for O74539
Immunogen	Recombinant Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast) mak3 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MAK3 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MAK3 antibody	MBS7182400 is an antibody targeting MAK3. Also known as Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) MAK3 Polyclonal Antibody. Reactive in Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast). Host: Rabbit.
Other Notes	Small volumes of anti-MAK3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAK3. It may not necessarily be applicable to this product.

NCBI GI #	19075879
NCBI GeneID	2539117
NCBI Accession #	NP_588379.1
UniProt Primary Accession #	O74539

GenBank Nucleotide #	NM_001023370.2
NCBI Official Full Name	histidine kinase Mak3
NCBI Official Symbol	mak3
UniProt Protein Name	Peroxide stress-activated histidine kinase mak3
UniProt Synonym Protein Names	His-Asp phosphorelay kinase phk2; Mcs4-associated kinase 3
Protein Family	N-alpha-acetyltransferase
UniProt Gene Name	mak3
UniProt Synonym Gene Names	phk2
NCBI Protein Information	histidine kinase Mak3
UniProt Comments for MAK3	Involved in the control of the SAPK-dependent transcriptional response to peroxide stress. Regulates sty1 activity.
Research Articles on MAK3	**1.** Data indicate distinct functions for the three histidine kinases; Mak1 alone or Mak2 and Mak3 together were sufficient for the repression of the meiotic cycle when nutrients were available.
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