

DNAxPAb

Hard-to-Find
Antibody

STK4 DNAxPab

Catalog # H00006789-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human STK4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	METVQLRNPPRRQLKKLDEDSLTKQPEEVFDVLEKLGEG
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — STK4

Entrez GeneID [6789](#)

GeneBank Accession# [BC005231](#)

Protein Accession# [AAH05231](#)

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](#)