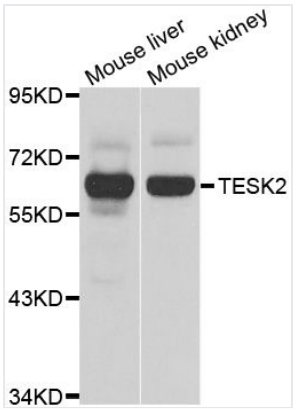
TESK2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TESK2, Polyclonal Antibody
Full Product Name	TESK2
Product Gene Name	anti-TESK2 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Molecular Weight	571
OMIM	604746
3D Structure	ModBase 3D Structure for Q96S53
Species	Human
Immunogen	Recombinant Protein
Product Categories/Family for anti-TESK2 antibody	Polyclonal
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TESK2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-TESK2 antibody	MBS9126063 is an antibody targeting TESK2. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-TESK2 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.



Western Blot (WB) of anti-TESK2 antibody
Western blot analysis of extracts of various cell lines, using TESK2 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit.Exposure time: 1s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TESK2. It may not necessarily be applicable to this product.

NCBI GI #	25009462
NCBI GeneID	10420
NCBI Accession #	Q96S53.1
UniProt Primary Accession #	Q96S53
UniProt Secondary Accession #	Q5T422; Q5T423; Q8N520; Q9Y3Q6
UniProt Related Accession #	Q96S53
NCBI Official Full Name	Dual specificity testis-specific protein kinase 2
NCBI Official Synonym Full Names	testis-specific kinase 2
NCBI Official Symbol	TESK2
UniProt Protein Name	Dual specificity testis-specific protein kinase 2
UniProt Synonym Protein Names	Testicular protein kinase 2
Protein Family	Dual specificity testis-specific protein kinase
UniProt Gene Name	TESK2
UniProt Entry Name	TESK2_HUMAN
NCBI Protein Information	dual specificity testis-specific protein kinase 2; testicular protein kinase 2
NCBI Summary for TESK2	This gene product is a serine/threonine protein kinase that contains an N-terminal protein kinase domain that is structurally similar to the kinase domains of testis-specific protein kinase-1 and the LIM motif-containing protein kinases (LIMKs). Its overall structure is most related to the former, indicating that it belongs to the TESK subgroup of the LIMK/TESK family of protein kinases. This gene is predominantly expressed in testis and prostate. The developmental expression pattern of the rat gene in testis suggests an important role for this gene in meitoic stages and/or early stages of spermiogenesis. [provided by RefSeq, Jul 2008]
UniProt Comments for TESK2	TESK2: a TKL kinase of the LISK family. Predominantly expressed in testis and prostate. The developmental expression pattern in the testis suggests an important role in meitoic stages and/or early stages of spermiogenesis. Three alternatively spliced isoforms have been described. Protein type: Kinase, protein; Protein kinase, TKL; Protein kinase, Ser/Thr (non-receptor); EC 2.7.12.1; TKL group; LISK family; TESK subfamily Chromosomal Location of Human Ortholog: 1p32 Cellular Component: nucleoplasm; cytoplasm; nucleus Molecular Function: protein serine/threonine kinase activity; protein binding; protein-tyrosine kinase activity; metal ion binding; protein serine/threonine/tyrosine kinase activity; ATP binding; protein kinase activity Biological Process: focal adhesion formation; peptidyl-tyrosine phosphorylation; spermatogenesis; actin cytoskeleton organization and biogenesis; protein amino acid phosphorylation
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