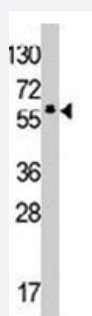


TESK2 polyclonal antibody

Catalog # PAB3502

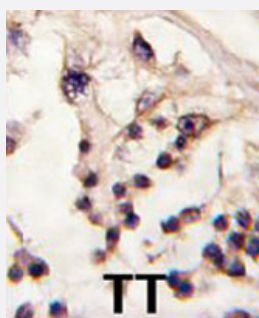
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of TSK2 polyclonal antibody (Cat # PAB3502) in HL-60 cell line lysates (35 ug/lane). TSK2 (arrow) was detected using the purified polyclonal antibody (1:1000 dilution).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human testis tissue reacted with TSK2 polyclonal antibody (Cat # PAB3502), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TSK2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human TSK2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:10-50) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of TESK2 polyclonal antibody (Cat # PAB3502) in HL-60 cell line lysates (35 ug/lane). TESK2 (arrow) was detected using the purified polyclonal antibody (1:1000 dilution).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human testis tissue reacted with TESK2 polyclonal antibody (Cat # PAB3502), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Gene Info — TESK2

Entrez GeneID	10420
Protein Accession#	NP_009101;Q96S53
Gene Name	TESK2
Gene Alias	-
Gene Description	testis-specific kinase 2
Omim ID	604746
Gene Ontology	Hyperlink
Gene Summary	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 meiotic stages and/or early stages of spermiogenesis. [provided by RefSeq]

Other Designations

OTTHUMP00000009093|testis-specific protein kinase 2

Publication Reference

- [Cofilin phosphorylation and actin reorganization activities of testicular protein kinase 2 and its predominant expression in testicular Sertoli cells.](#)

Toshima J, Toshima JY, Takeuchi K, Mori R, Mizuno K.

The Journal of Biological Chemistry 2001 Aug; 276(33):31449.

Application: IHC-Fr, IP-WB, WB-Tr, Human, Dog, Monkey, Mouse, Rat, HeLa, COS-7, Rat1A, Swiss 3T3, MDCK, HL60, Jurkat cells, Testis

- [Identification and characterization of TESK2, a novel member of the LIMK/ESK family of protein kinases, predominantly expressed in testis.](#)

Rosok O, Pedutour F, Ree AH, Aasheim HC.

Genomics 1999 Oct; 61(1):44.