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Datasheet for ABIN2790509
anti-TESK2 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	TESK2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Pig, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human TSK2
Sequence:	AHEAMDCSIL QEENFGSRP QGTSPCPAGA SEEMEVEERP AGSTPATFST
Predicted Reactivity:	Cow: 86%, Dog: 79%, Horse: 86%, Human: 100%, Mouse: 79%, Pig: 83%, Rabbit: 92%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against TSK2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TESK2
Alternative Name:	TESK2 (TESK2 Products)
Background:	This gene product is a serine/threonine protein kinase that contains an N-terminal protein

Target Details

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.

Alias Symbols: -

Protein Interaction Partner: ZBTB1, HSP90AA1, DSTN, CFL1, YWHAB,

Protein Size: 555

Molecular Weight: 61 kDa

Gene ID: 10420

NCBI Accession: [NM_007170](#), [NP_009101](#)

UniProt: [Q96S53](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 555 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

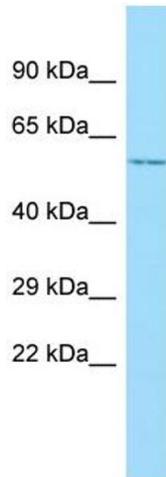
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TESK2 Antibody Titration: 1.0 ug/ml Positive Control: MCF7 Whole Cell