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Datasheet for ABIN1391131

**anti-TSKS antibody (AA 121-170) (Biotin)**

## Overview

|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                        |
| Target:              | TSKS                                                                                                                                          |
| Binding Specificity: | AA 121-170                                                                                                                                    |
| Reactivity:          | Human                                                                                                                                         |
| Host:                | Rabbit                                                                                                                                        |
| Clonality:           | Polyclonal                                                                                                                                    |
| Conjugate:           | This TSKS antibody is conjugated to Biotin                                                                                                    |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human TSKS |
| Isotype:              | IgG                                                      |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Rabbit          |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| Target:           | TSKS                                                                                       |
| Alternative Name: | TSKS ( <a href="#">TSKS Products</a> )                                                     |
| Background:       | Synonyms: STK22 substrate 1, Stk22s1, Testis specic kinase substrate, Testis specic serine |

## Target Details

kinase substrate, TSKS, TSKS1, MGC134104, TSKS\_HUMAN.

Background: TSKS is a 592 amino acid protein that is highly expressed in human testicular tissue. Low levels of TSKS are detectable in prostate, placenta, fetal liver, thymus, and mammary gland tissues. TSKS is found to be downregulated in cancerous testicular tissue from seminoma, teratocarcinoma, embryonal and Leydig cell tumors concurrently with high expression in neighboring premalignant carcinoma. TSKS protein contains an N-terminal signal peptide, but does not contain a transmembrane region. TSKS has many potential phosphorylation and glycosylation sites and is phosphorylated by soluble recombinant TSSK2 in vitro. It is thought that TSKS likely plays a physiological role in spermatogenesis or spermiogenesis.

Gene ID: 60385

Pathways: [Toll-Like Receptors Cascades](#)

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months