

TSSK 4 Rabbit pAb

CatalogNo: YT4767

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 40kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:10000

Not yet tested in other applications.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human TSSK4. AA range: 211-260

Specificity TSSK 4 Polyclonal Antibody detects endogenous levels of TSSK 4 protein.

Target Information

Gene name TSSK4

Protein Name Testis-specific serine/threonine-protein kinase 4

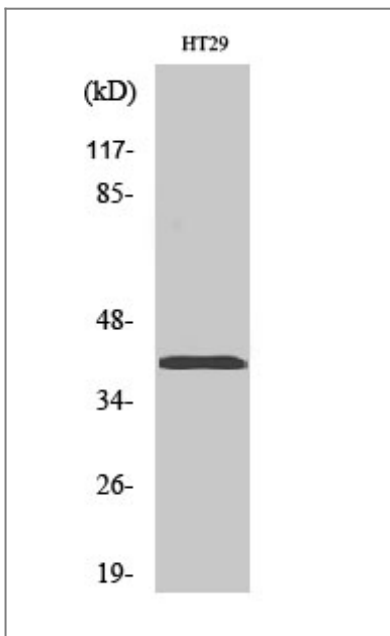
Organism	Gene ID	UniProt ID
Human	283629 ;	Q6SA08 ;
Mouse	71099 ;	Q9D411 ;

Cellular Localization Cytoplasmic vesicle, secretory vesicle, acrosome . Cell projection, cilium, flagellum . In spermatozoa, present in the sperm head and in the flagellum. .

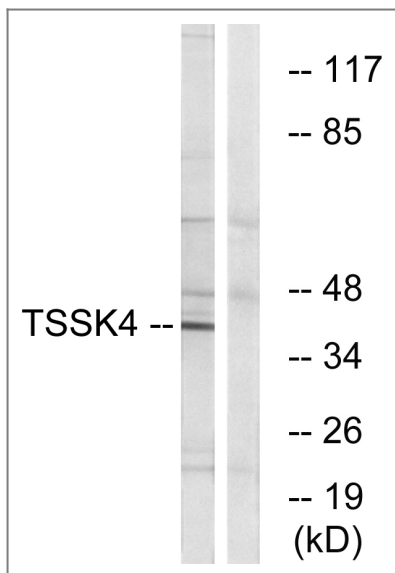
Tissue specificity Expressed only in the testis.

Function Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-197, potentially by autophosphorylation.,Function:May be involved in a signaling pathway during male germ cell development or mature sperm function (By similarity). Phosphorylates CREB1 on Ser-133 and stimulates downstream signaling.,PTM:Autophosphorylated (By similarity). Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed only in the testis.,

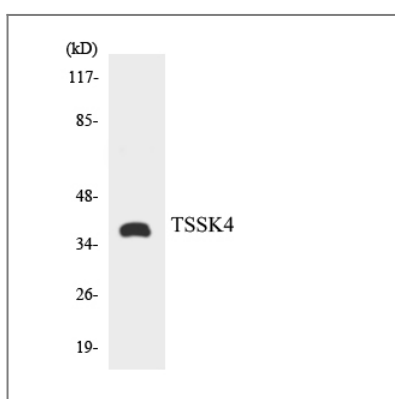
Validation Data



Western Blot analysis of various cells using TSSK 4 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from HT-29 cells, using TSSK4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using TSSK4 antibody.

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
TSSK 4 Rabbit pAb

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