

## Rabbit anti-Human TOPK Polyclonal Antibody | anti-PBK antibody

Anti-TOPK (pT9) Phospho Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA260534 | Rabbit | Human      | Immunohistochemistry, Western Blot |

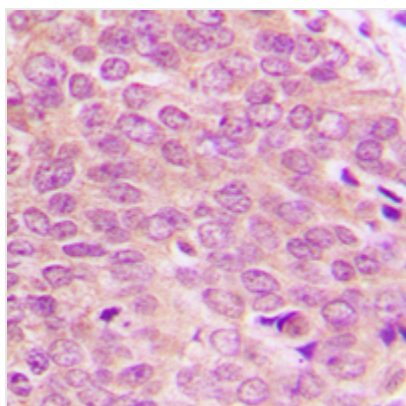
### PRODUCT SYNONYMS

TOPK; Polyclonal Antibody; Anti-TOPK (pT9) Phospho Antibody; Lymphokine-activated killer T-cell-originated protein kinase; Cancer/testis antigen 84; CT84; MAPKK-like protein kinase; Nori-3; PDZ-binding kinase; Spermatogenesis-related protein kinase; SPK; T-LAK cell-originated protein kinase; anti-PBK antibody

### PRODUCT SPECIFICATIONS

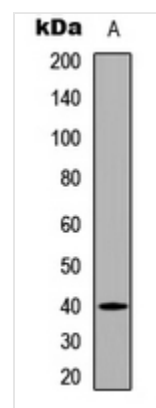
|                                               |                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                    |
| Reactivity                                    | Human                                                                                                                                     |
| Clonality                                     | Polyclonal                                                                                                                                |
| Specificity                                   | Recognizes endogenous levels of TOPK (pT9) protein.                                                                                       |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                                           |
| Form/Format                                   | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.                                 |
| Sequence Length                               | 322                                                                                                                                       |
| Applicable Applications for anti-PBK antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                             |
| Immunogen                                     | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human TOPK (pT9). The exact sequence is proprietary. |
| Preparation and Storage                       | Shipped and store at 4 degree C for one year. Do not freeze.                                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of TOPK (pT9) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of TOPK (pT9) expression in HEK293T UV-treated (A) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                                          |
|---------------------------------------------------|------------------------------------------|
| Related Product Information for anti-PBK antibody | Rabbit polyclonal antibody to TOPK (pT9) |
|---------------------------------------------------|------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 83305809                                                     |
| NCBI GeneID                      | 55872                                                        |
| UniProt Accession #              | Q96KB5; Q9NPD9; Q9NYL7; Q9NZK6; B4DX68; D3DST2               |
| Molecular Weight                 | 37,211 Da                                                    |
| NCBI Official Full Name          | Lymphokine-activated killer T-cell-originated protein kinase |
| NCBI Official Synonym Full Names | PDZ binding kinase                                           |
| NCBI Official Symbol             | PBK                                                          |
| NCBI Official Synonym Symbols    | SPK; CT84; TOPK; HEL164; Nori-3                              |
| NCBI Protein Information         | lymphokine-activated killer T-cell-originated protein kinase |
| UniProt Protein Name             | Lymphokine-activated killer T-cell-originated protein kinase |
| UniProt Gene Name                | PBK                                                          |
| UniProt Synonym Gene Names       | TOPK; CT84; SPK                                              |
| UniProt Entry Name               | TOPK_HUMAN                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.