

## Rabbit TLK1 Polyclonal Antibody | anti-TLK1 antibody

TLK1 Rabbit Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA313543</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

TLK1; Polyclonal Antibody; TLK1 Rabbit Polyclonal Antibody; PKU-beta; anti-TLK1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Host                                           | Rabbit                                                    |
| Reactivity                                     | Human, Mouse, Rat                                         |
| Clonality                                      | Polyclonal                                                |
| Isotype                                        | IgG                                                       |
| Purity/Purification                            | Affinity purification                                     |
| Form/Format                                    | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Applicable Applications for anti-TLK1 antibody | IHC (Immunohistochemistry), WB (Western Blot)             |
| Immunogen                                      | Recombinant fusion protein of human TLK1 (NP_036422.3).   |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.          |

### IMAGES



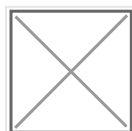
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using TLK1 at dilution of 1:100 (40x lens).



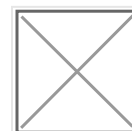
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using TLK1 at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using TLK1 at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TLK1 at 1:1000 dilution.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-TLK1 antibody

The protein encoded by this gene is a serine/threonine kinase that may be involved in the regulation of chromatin assembly. The encoded protein is only active when it is phosphorylated, and this phosphorylation is cell cycle-dependent, with the maximal activity of this protein coming during S phase. The catalytic activity of this protein is diminished by DNA damage and by blockage of DNA replication. Three transcript variants encoding different isoforms have been found for this gene.

|                                                  |                  |
|--------------------------------------------------|------------------|
| Product Categories/Family for anti-TLK1 antibody | Primary Antibody |
|--------------------------------------------------|------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 211971036                                                                                                  |
| NCBI GeneID                      | 9874                                                                                                       |
| NCBI Accession #                 | NP_001130026.1                                                                                             |
| NCBI GenBank Nucleotide #        | NM_001136554.1                                                                                             |
| UniProt Accession #              | Q9UKI8; Q14150; Q8N591; Q9NYH2; Q9Y4F6; B3KR15; B4DX87                                                     |
| Molecular Weight                 | 86,700 Da                                                                                                  |
| NCBI Official Full Name          | serine/threonine-protein kinase tousled-like 1 isoform 2                                                   |
| NCBI Official Synonym Full Names | tousled-like kinase 1                                                                                      |
| NCBI Official Symbol             | TLK1                                                                                                       |
| NCBI Official Synonym Symbols    | PKU-beta                                                                                                   |
| NCBI Protein Information         | serine/threonine-protein kinase tousled-like 1; SNARE protein kinase SNAK; serine threonine protein kinase |
| UniProt Protein Name             | Serine/threonine-protein kinase tousled-like 1                                                             |
| UniProt Gene Name                | TLK1                                                                                                       |
| UniProt Synonym Gene Names       | KIAA0137                                                                                                   |
| UniProt Entry Name               | TLK1_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.