

## [KO Validated] TLK2 Antibody

CAB6770

### Description

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This [KO Validated] TLK2 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|----------------------|---|
| <b>SKU:</b>          | CAB6770   |
| <b>Contents:</b>     | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml) |
| <b>Category:</b>     | Polyclonal Antibody                             |
| <b>Synonyms:</b>     | HsHPK, MRD57, PKU-ALPHA, K2                     |
| <b>Clone:</b>        | -   |
| <b>Applications:</b> | <span>WB</span> <span>ELISA</span>              |
| <b>Conjugation:</b>  | Unconjugated                                    |
| <b>Reactivity:</b>   | Human, Mouse                                    |

### Antibody Data

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|-----------------------|-----------------------|
| <b>Gene ID:</b>       | 11011                 |
| <b>Uniprot:</b>       | AB_2767353            |
| <b>Host Species:</b>  | Rabbit                |
| <b>Purification:</b>  | Affinity purification |
| <b>Observed MW:</b>   | 87kDa                 |
| <b>Calculated MW:</b> | 88kDa                 |

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

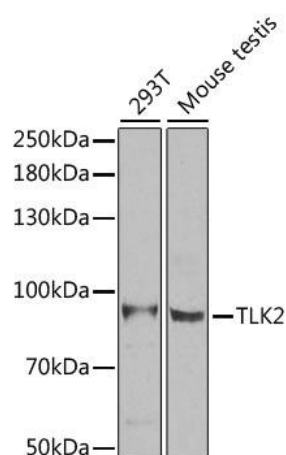
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** 293T, Mouse testis, NIH/3T3

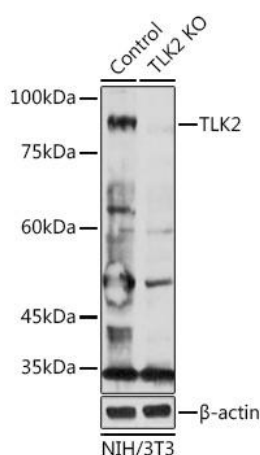
|                               |              |   |
|-------------------------------|--------------|---|
| <b>Recommended Dilutions:</b> | <b>WB</b>    | 1:500 - 1:2000  |
|                               | <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using [KO Validated] Rabbit pAb (CAB6770) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 90s.



Western blot analysis of lysates from wild type (WT) and knockout (KO) NIH/3T3 cells, using [KO Validated] Rabbit pAb (CAB6770) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.

