

Product datasheet for TA382562

TLK2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications:

Recommended Dilution: WB.1:500 - 1:2000

Reactivity: Human, Mouse

Modifications: Unmodified

Host: Rabbit

Isotype: **IgG**

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of

human TLK2 (NP_006843.2).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 82kDa/85kDa/87kDa tousled like kinase 2 Gene Name:

Database Link: Entrez Gene 11011 Human

Q86UE8

Background: This gene encodes a nuclear serine/threonine kinase that was first identified in Arabidopsis.

> The encoded protein is thought to function in the regulation of chromatin assembly in the S phase of the cell cycle by regulating the levels of a histone H3/H4 chaperone. This protein is

associated with double-strand break repair of DNA damage caused by radiation.

Pseudogenes of this gene are present on chromosomes 10 and 17. Alternate splicing results

in multiple transcript variants.

Synonyms: MGC44450; PKU-ALPHA



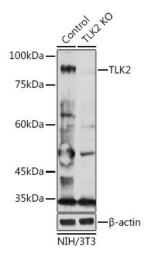
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

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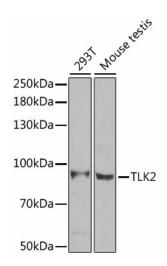
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Product images:



Western blot analysis of extracts from normal (control) and TLK2 Rabbit pAb knockout (KO) NIH/3T3 cells, using TLK2 Rabbit pAb antibody (TA382562) at 1:500 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 180s.



Western blot analysis of extracts of various cell lines, using TLK2 antibody (TA382562) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 90s.