

# TLK2 Knockout NIH/3T3 Cell Lysate, Homozygous

Catalog No.: RM02334

## Basic Information

### Catalog No.

RM02334

### Category

Cell Lysate

### Parental Cell line

NIH/3T3

### Genotype

Knockout

## Gene Information

### Gene Symbol

TLK2

### Species

Mouse

### Gene ID

24086

### Synonyms

4933403M19Rik; PKU-alpha; PKUalpha;  
TKk

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Background

## Product Information

### Description

TLK2 Knockout NIH/3T3 Cell Line is engineered from NIH/3T3 cell line with Gene-Editing technology.

Allele-1:exon4 was deleted

Allele-2:exon4 was deleted

Mammalian cells such as human, rat and mouse cells are normally diploid with two alleles. Homozygote: both alleles were knocked out, mRNA has no signal, no expression of proteins. Heterozygote: only one allele was knocked out, the mRNA transcript levels was decreased compared to wild type, and the protein expression levels was also lower than that of the wild type.

### Packaging

1 vial parental cell Lysate and 1 vial knockout cell Lysate

### Shipping Conditions

4°C

### Amount

50µL, 2µg/µL.

### Storage

Lysate is stable for 12 months when stored at -20°C. Minimizing freeze-thaw cycles.

### Protocol

To be used as WB control. Lysate is supplied in 1× SDS sample buffer (2% SDS, 60 mM Tris-HCl pH 6.8, 10% Glycerol, 0.02% Bromophenol blue, 60 mM beta-mercaptoethanol). Lysate should be boiled for 3 - 5 minutes before loading onto gel.

## Sequencing data

---

WT GATGACAGCGTTGT\*\*\*\*\*ATTGGGGTTAAAA  
Mut GATGACAGCGTTGT\*\*\*Deletion\*\*\*ATTGGGGTTAAAA  
Allele-1: exon4 was deleted

WT GTAAAAGGTGACCA\*\*\*\*\*ACTAATGTTGGCCA  
Mut GTAAAAGGTGACCA\*\*\*Deletion\*\*\*ACTAATGTTGGCCA  
Allele-2: exon4 was deleted

Genome sequence analysis of PCR products from parental (WT) and TLK2 knockout (KO) NIH3T3 cells, using sanger sequencing.