Leader in Biomolecular Solutions for Life Science

www.abclonal.com

TLK1 Knockdown NIH/3T3 Cell Lysate, Heterozygous

Catalog No.: RM02333

Basic Information

Catalog No.
RM02333

Category
Cell Lysate

Parental Cell line
NIH/3T3

Genotype
Knockdown

Gene Information

Gene Symbol
TLK1

Species
Mouse

Gene ID
228012

Synonyms
4930545J15Rik

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Background

Product Information

Description
TLK1 Knockdown NIH/3T3 Cell Line is engineered from NIH/3T3 cell line with Gene-Editing technology.
Allele-1:43bp deletion in exon1
Allele-2:43bp deletion in exon1
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℃

Amount
50μL, 2μg/μL.

Storage
Store at -20℃

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 CCAACCCCGGGCTC**********GGGAGGCCCAGGGA
Mut CCAACCCCGGGCTC***Deletion***GGGAGGCCCAGGGA
Allele-1: 43bp deletion in exon1

WT CTCCAACCCCGGGC**********GGGAGGCCCAGGGA
Mut CTCCAACCCCGGGC***Deletion***GGGAGGCCCAGGGA
Allele-2: 43bp deletion in exon1

Genome sequence analysis of PCR products from parental (WT) and TLK1 Knockdown (KD) NIH3T3 cells, using sanger sequencing.