

WDR44 Knockout HeLa Cell Lysate, Homozygous

Catalog No.: RM50000

Basic Information

Catalog No.

RM50000

Category

Cell Lysate

Parental Cell line

HeLa

Genotype

Knockout

Gene Information

Gene Symbol

WDR44

Species

Human

Gene ID

54521

Swiss Prot

Q5JSH3

Synonyms

RPH11; SYM-4; RAB11BP

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Background

This gene encodes a protein that interacts with the small GTPase rab11. A similar protein in rat binds the GTP-containing active form of rab11. This protein may play a role in endosome recycling. Alternate splicing results in multiple transcript variants.

Product Information

Description

WDR44 Knockout cell line is engineered from HeLa cell line with Gene-Editing Technology.

Allele-1:113bp deletion in exon4

Allele-2:113bp deletion in exon4

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 ACTGTTAGCCATAG*****GATGAAACCACGAA
Mut ACTGTTAGCCATAG***Deletion***GATGAAACCACGAA
Allele-1: 113bp deletion in exon4

WT ACTGTTAGCCATAG*****GATGAAACCACGAA
Mut ACTGTTAGCCATAG***Deletion***GATGAAACCACGAA
Allele-2: 113bp deletion in exon4

Genome sequence analysis of PCR products from parental (WT) and WDR44 knockout (KO) HeLa cells, using sanger sequencing.