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# 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

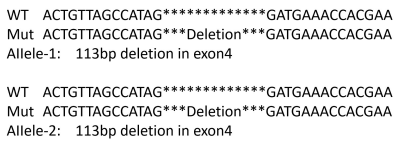
**Shipping Conditions**
4℃

**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




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