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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

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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

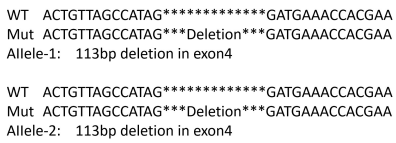
Shipping Conditions
4℃

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.