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ANXA1 Knockdown HeLa Cell Lysate, Heterozygous

Catalog No.: RM02371

Basic Information

Catalog No.
RM02371

Category
Cell Lysate

Parental Cell line
HeLa

Genotype
Knockdown

Background

This gene encodes a membrane-localized protein that binds phospholipids. This protein inhibits phospholipase A2 and has anti-inflammatory activity. Loss of function or expression of this gene has been detected in multiple tumors. [provided by RefSeq, Dec 2014]

Gene Information

Gene Symbol
ANXA1

Species
Human

Gene ID
301

Swiss Prot
P04083

Synonyms
ANX1; LPC1

Product Information

Description
ANXA1 Knockdown HeLa Cell Line is engineered from HeLa cell line with Gene-Editing technology.
Allele-1:53bp deletion in exon2
Allele-2:54bp deletion in exon2
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.

Contact

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Sequencing data

```
WT     AGGTGGTCCCGGAT**************CATAAGGCCATAAT
Mut    AGGTGGTCCCGGAT***Deletion***CATAAGGCCATAAT
Allele-1：53bp deletion in exon2

WT     AGGTGGTCCCGGAT**************ATAAGGCCATAATG
Mut    AGGTGGTCCCGGAT***Deletion***ATAAGGCCATAATG
Allele-2：54bp deletion in exon2
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Genome sequence analysis of PCR products from parental (WT) and ANXA1 Knockdown (KD) HeLa cells, using sanger sequencing.