

ANXA1 Knockdown HeLa Cell Lysate, Heterozygous

Catalog No.: RM02371

Basic Information

Catalog No.

RM02371

Category

Cell Lysate

Parental Cell line

HeLa

Genotype

Knockdown

Gene Information

Gene Symbol

ANXA1

Species

Human

Gene ID

301


Swiss Prot

P04083

Synonyms

ANX1; LPC1

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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]

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°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 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

Genome sequence analysis of PCR products from parental (WT) and ANXA1 Knockdown (KD) HeLa cells, using sanger sequencing.