abcam

Product datasheet

Human COL4A3BP (CERT) knockout HEK-293T cell lysate ab258823

2 图像

概述

产品名称	人COL4A3BP (CERT) knockout HEK-293T cell裂解物
产品概述	
	Knockout cell lysate achieved by CRISPR/Cas9.
Parental Cell Line	HEK293T
Organism	Human
Mutation description	Knockout achieved by using CRISPR/Cas9, 1 bp insertion in exon4 and 7 bp deletion in exon4.
Passage number	<20
Knockout validation	Sanger Sequencing
Reconstitution notes	To use as WB control, resuspend the lyophilizate in 50 μL of LDS* Sample Buffer to have a final concentration of 2 mg/ml. For reducing conditions, we recommend a final concentration of 0.1 M DTT.

Usage of SDS sample buffer is not recommended with these lyophilized lysates.

说明

Lysate preparation: Our lysates are made using RIPA buffer to which we add a protease inhibitor cocktail and phosphatase inhibitor cocktail (ratio: 300:100:10). *This means that the protein of interest is denatured.* If you require a native form of the protein please use the live cell version - found **here**. Please refer to our lysis protocol for further details on how our lysates are prepared.

User storage instructions: Lyophilizate may be stored at 4°C. After reconstitution, store at -20°C for short-term storage or -80°C for long-term storage.

Access thousands of knockout cell lysates, generated from commonly used cancer cell lines. **See here for more information on knockout cell lysates.**

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性能

存放说明	Store at -80°C. Please refer to protocols.

组件	1 kit
ab262550 - Human COL4A3BP knockout HEK293T cell lysate	1 x 100µg
ab255553 - Human wild-type HEK293T cell lysate	1 x 100µg

Cell type	epithelial
STR Analysis	Amelogenin X D5S818: 8, 9 D13S317: 12, 14 D7S820: 11 D16S539: 9, 13 vWA: 16, 19 TH01: 7, 9.3 TPOX: 11 CSF1PO: 11, 12

靶标

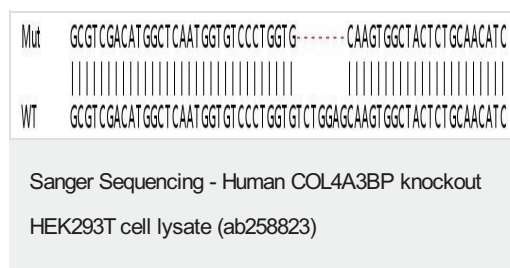| 功能	May mediate the intracellular trafficking of ceramide in a non-vesicular manner.
组织特异性	Widely expressed.
序列相似性	Contains 1 PH domain. Contains 1 START domain.
结构域	The START domain recognizes ceramide and mediates the intermembrane transfer of ceramide. The PH domain targets the Golgi apparatus. The FFAT motif is required for interaction with VAPA and VAPB.
翻译后修饰	Phosphorylation on Ser-132 decreases the affinity toward phosphatidylinositol 4-phosphate at Golgi membranes and reduces ceramide transfer activity.
细胞定位	Cytoplasm. Golgi apparatus. Endoplasmic reticulum. Preferentially localized to the Golgi apparatus.

图片

Allele-1: 7 bp deletion in exon4

Sanger Sequencing - Human COL4A3BP knockout HEK293T cell lysate (ab258823)

Allele-2: 1 bp insertion in exon4

Sanger Sequencing - Human COL4A3BP knockout HEK293T cell lysate (ab258823)

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