

# Human MAP2K7 (MKK7) knockout A549 cell lysate ab257515

画像数 1

### 製品の概要

製品名	Human MAP2K7 (MKK7) knockout A549 cell lysate
製品の概要	Knockout cell lysate achieved by CRISPR/Cas9.
Parental Cell Line	A549
Organism	Human
Mutation description	Knockout achieved by using CRISPR/Cas9, 8 bp deletion in exon6.
Passage number	<20
Knockout validation	Sanger Sequencing, Western Blot (WB)
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.*

### 特記事項

**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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### アプリケーション

**適用あり:** WB

製品の特 性

保存方法 Store at -80°C. Please refer to protocols.

内 容	1 kit
ab262110 - Human MAP2K7 knockout A549 cell lysate	1 x 100µg
ab255554 - Human wild-type A549 cell lysate	1 x 100µg

Cell type	epithelial
Disease	Carcinoma
STR Analysis	Amelogenin X,Y D5S818: 11 D13S317: 11 D7S820: 8, 11 D16S539: 11, 12 WWA: 14 TH01: 8,9.3 TPOX: 8,11 CSF1PO: 10, 12

ターゲット情報

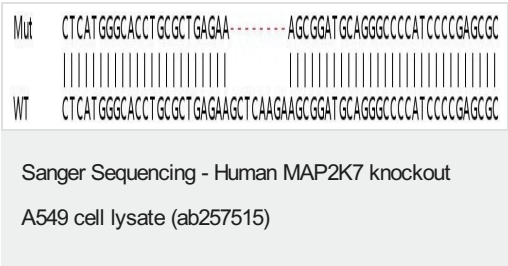
機 能	Stress activated, dual specificity kinase that activates the JUN kinases MAPK8/JNK1, MAPK9/JNK2 and MAPK10/JNK3.
組織特異性	Ubiquitous; with highest level of expression in skeletal muscle. Isoform 3 is found at low levels in placenta, fetal liver, and skeletal muscle.
配列類似性	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily. Contains 1 protein kinase domain.
翻訳後修飾	Activated by phosphorylation on Ser/Thr.
細胞内局在	Nucleus. Cytoplasm.

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab257515の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 47 kDa.

画像



Homozygous: 8 bp deletion in exon6

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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