# abcam

## Product datasheet

# PC-12 nuclear extract lysate ab14884

#### 製品の概要

製品名 PC-12 nuclear extract lysate

特記事項 Extracts have been quality control tested by Western blot and the Electrophoretic Mobility Shift

Assay (EMSA).

#### 製品の特性

Mycoplasma free Yes

製品の状態 Liquid

保存方法 Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

**バッファー** pH: 7.90

Constituents: 0.0002% Sodium molybdate, 0.216% Beta glycerophosphate, 0.018% Sodium orthovanadate, 0.042% Sodium fluoride, 0.015% DTT, 0.48% HEPES, 0.003% EDTA, 20%

Glycerol, 2.34% Sodium chloride

With Protease inhibitors

背景 Generated by Greene and Tischler (1976) from a transplantable rat adrenal pheochromocytoma

line, PC12 cells respond reversibly to nerve growth factor (NGF) and therefore have a neuronal phenotype, making the line a useful model system for neuronal differentiation. They produce catecholamines (dopamine, norepinephrine), neurotransmitters, NPP and are therefore used in

studies of differentiation, neurobiochemistry and neurobiology.

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