

Product datasheet

SK-N-SH whole cell lysate ab3956

Overview

Product name	SK-N-SH whole cell lysate
General notes	<p>Cell line: SK-N-SH (Human neuroblastoma).</p> <p>Growth media: Minimum essential medium Eagle with 2 mM L-glutamine and Earle's BSS containing 1.5 g/L sodium bicarbonate, 0.1 mM non-essential amino acids and 1.0 mM sodium pyruvate, and 10% FBS.</p> <p>SK N SH cell lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylene diamine tetra acetic acid, 1 mM phenyl methyl sulfonyl flouride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecyl sulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The cell lysate was boiled for 5 min in 1 x SDS sample buffer (0.045 M Tris-HCl pH 6.8, 10% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue), containing 0.05 M DTT.</p>
Tested applications	Suitable for: WB

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.20</p> <p>Constituent: 100% SDS Sample Buffer</p>
Lysate notes	<p>SK N SH cell lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylene diamine tetra acetic acid, 1 mM phenyl methyl sulfonyl flouride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecyl sulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The cell lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecyl sulfate, 0.01% bromophenol blue) containing 5% b-mercaptoethanol.</p>
Background	This cell line is used in studies of apoptosis and neuroprotection as an in vitro model of human neuronal cells.

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab3956 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. PubMed: 1452146110 µg to 20 µg per lane is recommended for mini gel.

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