

Product datasheet

Anti-PDHx antibody ab88601

4 图像

概述

产品名称	Anti-PDHx抗体
描述	小鼠多克隆抗体to PDHX
宿主	Mouse
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human
免疫原	Full length Human protein (AAH10389.1)
阳性对照	WB: stomach tissue lysate or HepG2 cell lysate. ICC/IF: HeLa cells.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: PBS, pH 7.2
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab88601** in the following tested applications.

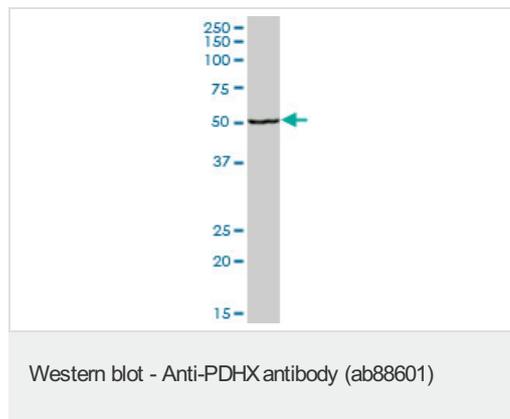
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 54 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

靶标

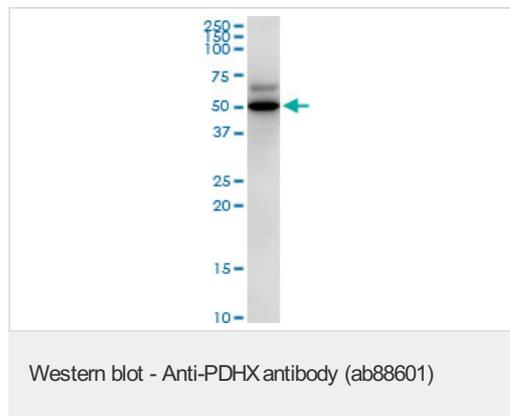
功能	Required for anchoring dihydrolipoamide dehydrogenase (E3) to the dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex.
疾病相关	Defects in PDHX are the cause of pyruvate dehydrogenase E3-binding protein deficiency (PDHXD) [MIM:245349].
序列相似性	Belongs to the 2-oxoacid dehydrogenase family. Contains 1 lipoyl-binding domain.
细胞定位	Mitochondrion matrix.

图片



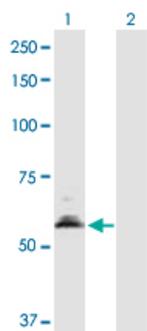
Anti-PDHX antibody (ab88601) at 1 μ g/ml +
Human stomach lysate at 50 μ g

Predicted band size: 54 kDa



Anti-PDHX antibody (ab88601) at 1 μ g/ml +
HepG2 cell lysate at 50 μ g

Predicted band size: 54 kDa



Western blot - Anti-PDHX antibody (ab88601)

All lanes : Anti-PDHX antibody (ab88601) at 1 µg/ml

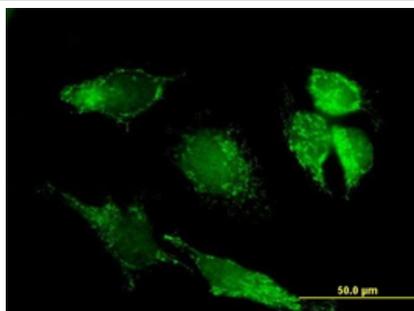
Lane 1 : lysate from PDHX transfected 293T cells

Lane 2 : lysate from non transfected 293T cells

Lysates/proteins at 25 µg per lane.

Predicted band size: 54 kDa

Observed band size: 55 kDa



Immunocytochemistry/ Immunofluorescence - Anti-PDHX antibody (ab88601)

ab88601 at 10 µg/ml detecting PDHX in paraformaldehyde fixed HeLa cells by immunofluorescence.

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