

Anti-HNF-4-alpha (phospho S313) antibody ab78356

[1 References](#) [3 图像](#)

概述

产品名称	Anti-HNF-4-alpha (phospho S313)抗体
描述	兔多克隆抗体to HNF-4-alpha (phospho S313)
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human HNF-4-alpha (phospho S313).
阳性对照	Extracts from HUVEC cells. Human liver carcinoma tissue. LOVO cells.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
纯度	Immunogen affinity purified
纯化说明	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab78356 于以下的经测试应用

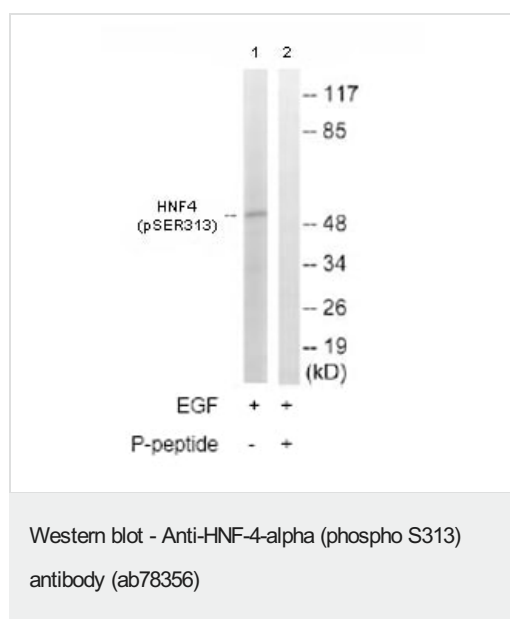
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 50 kDa (predicted molecular weight: 54 kDa).
IHC-P		1/50 - 1/100.
ICC/IF		1/500 - 1/1000.

靶标

功能	Transcriptionally controlled transcription factor. Binds to DNA sites required for the transcription of alpha 1-antitrypsin, apolipoprotein CIII, transthyretin genes and HNF1-alpha. May be essential for development of the liver, kidney and intestine.
疾病相关	Defects in HNF4A are the cause of maturity-onset diabetes of the young type 1 (MODY1) [MIM:125850]; also symbolized MODY-1. MODY is a form of diabetes that is characterized by an autosomal dominant mode of inheritance, onset in childhood or early adulthood (usually before 25 years of age), a primary defect in insulin secretion and frequent insulin-independence at the beginning of the disease.
序列相似性	Belongs to the nuclear hormone receptor family. NR2 subfamily. Contains 1 nuclear receptor DNA-binding domain.
翻译后修饰	Phosphorylated on tyrosine residue(s); phosphorylation is important for its DNA-binding activity. Phosphorylation may directly or indirectly play a regulatory role in the subnuclear distribution.
细胞定位	Nucleus.

图片



All lanes : Anti-HNF-4-alpha (phospho S313) antibody (ab78356) at 1/500 dilution

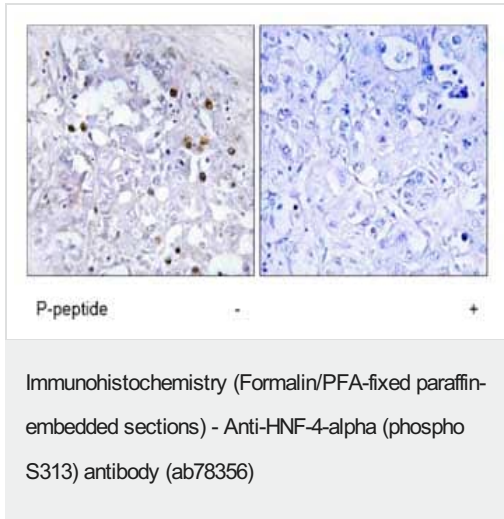
Lane 1 : Extracts from HUVEC cells, treated with EGF (200ng/ml, 30mins)

Lane 2 : Extracts from HUVEC cells, treated with EGF (200ng/ml, 30mins) with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 54 kDa

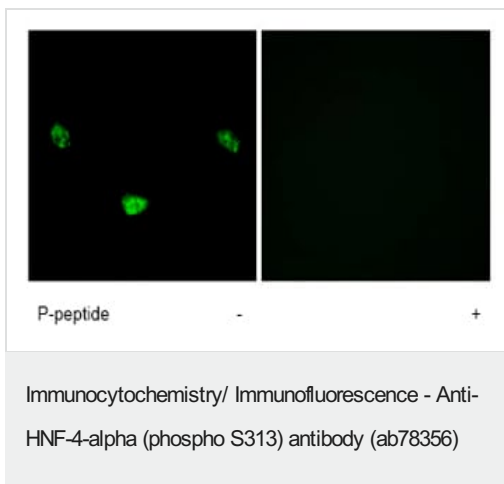
Observed band size: 54 kDa



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using ab78356 at a 1/50 dilution.

Left image un-treated.

Right image treated with immunizing peptide.



Immunofluorescence analysis of LOVO cells using ab78356 at a 1/500 dilution.

Left image un-treated.

Right image treated with immunizing peptide.

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