

Product datasheet

Anti-Fyn antibody ab71676

1 References 2 图像

概述

产品名称	Anti-Fyn抗体
描述	兔多克隆抗体to Fyn
经测试应用	适用于: ELISA, IHC-P, WB
种属反应性	与反应: Mouse, Human
免疫原	KLH-conjugated synthetic peptide, from the N-terminal region of Human Fyn
阳性对照	Mouse liver lysate; Human breast carcinoma tissue.

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	Preservative: 0.09% Sodium Azide Constituents: PBS
纯度	Protein G purified
纯化说明	The antibody was purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab71676** in the following tested applications.

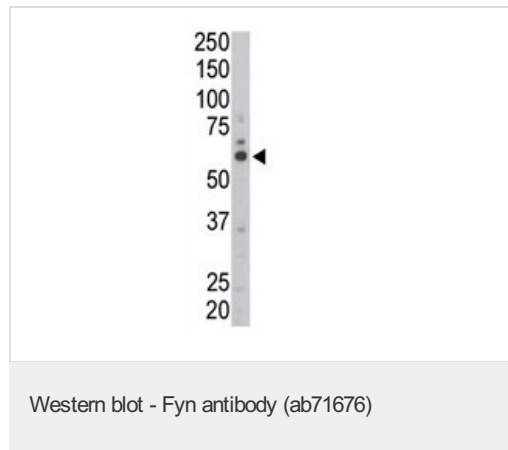
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ELISA		1/1000.
IHC-P		1/50 - 1/100.
WB		1/100 - 1/500. Predicted molecular weight: 60 kDa.

靶标

功能	Tyrosine-protein kinase implicated in the control of cell growth. Plays a role in the regulation of intracellular calcium levels, with isoform 2 showing the greater ability to mobilize cytoplasmic calcium in comparison to isoform 1. Required in brain development and mature brain function with important roles in the regulation of axon growth, axon guidance, and neurite extension. Blocks axon outgrowth and attraction induced by NTN1 by phosphorylating its receptor DDC. Phosphorylates RUNX3.
组织特异性	Isoform 1 is highly expressed in the brain. Isoform 2 is expressed in cells of hemopoietic lineages, especially T lymphocytes.
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain.
细胞定位	Cell membrane. Present and active in lipid rafts. Present in cell body and along the process of mature and developing oligodendrocytes.
形式	This protein is known to be similar in amino acid sequence to HCK (P08631), LCK (P06239), YES1 (P07947), SRC (P12931), and LYN (P07948). Therefore, cross-reactivity with these homologous proteins may be observed. We would be happy to provide immunogen alignment information upon request.

图片



Anti-Fyn antibody (ab71676) at 1/100 dilution
+ mouse liver tissue lysate at 12.5 µg

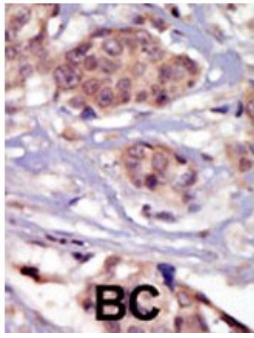
Secondary

Secondary HRP-anti-rabbit

Predicted band size : 60 kDa

Observed band size : 60 kDa

Additional bands at : 65 kDa. We are unsure as to the identity of these extra bands.



Analysis of Fyn expression on formalin-fixed and paraffin-embedded human breast carcinoma tissue using 1:100 ab71676 (peroxidase-conjugated secondary antibody, DAB staining).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Fyn antibody (ab71676)

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