abcam

Product datasheet

Anti-IFNGR1 (phospho Y457) antibody ab61062

2 图像

概述

产品名称	Anti-IFNGR1 (phospho Y457)抗体
描述	兔多克隆抗体to IFNGR1 (phospho Y457)
宿主	Rabbit
特异性	ab61062 detects endogenous levels of IFNGR1 only when phosphorylated at tyrosine 457.
经测试应用	**适用于:** WB, IHC-P, ELISA
种属反应性	**与反应:** Human **预测可用于:** Mouse
免疫原	Synthetic phosphopeptide derived from human IFNGR1 around the phosphorylation site of tyrosine 457 (GY^{p}DKP).
阳性对照	Human brain tissue, COS7 cell extract.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride Without Mg2+ and Ca2+
纯度	Immunogen affinity purified
纯化说明	ab61062 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

Our Abpromise guarantee covers the use of **ab61062** in the following tested applications.

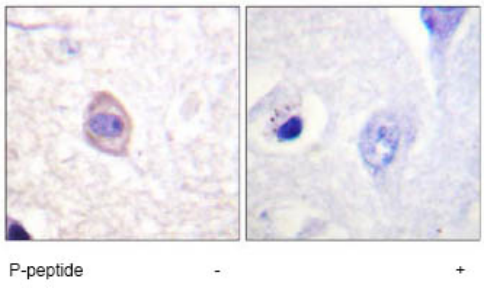
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 80 kDa (predicted molecular weight: 54 kDa).
IHC-P		1/50 - 1/100.
ELISA		1/20000.

靶标

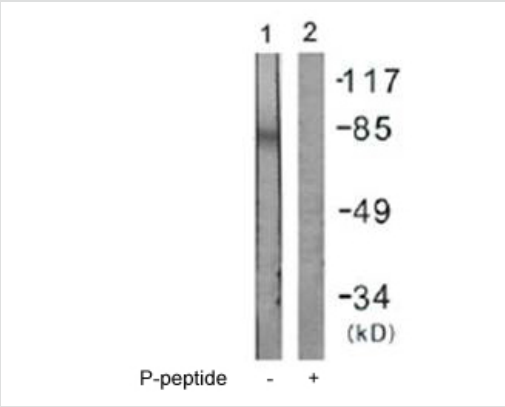
功能	Receptor for interferon gamma. Two receptors bind one interferon gamma dimer.
疾病相关	Defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease (MSMD) [MIM:209950]; also known as familial disseminated atypical mycobacterial infection. This rare condition confers predisposition to illness caused by moderately virulent mycobacterial species, such as Bacillus Calmette-Guerin (BCG) vaccine and environmental non-tuberculous mycobacteria, and by the more virulent Mycobacterium tuberculosis. Other microorganisms rarely cause severe clinical disease in individuals with susceptibility to mycobacterial infections, with the exception of Salmonella which infects less than 50% of these individuals. The pathogenic mechanism underlying MSMD is the impairment of interferon-gamma mediated immunity whose severity determines the clinical outcome. Some patients die of overwhelming mycobacterial disease with lepromatous-like lesions in early childhood, whereas others develop, later in life, disseminated but curable infections with tuberculoid granulomas. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance.
序列相似性	Belongs to the type II cytokine receptor family. Contains 2 fibronectin type-III domains. Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
翻译后修饰	Phosphorylated at Ser/Thr residues.
细胞定位	Membrane.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IFNGR1 (phospho Y457) antibody (ab61062)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using IFNGR1 (phospho Y457) antibody (ab61062) at 1/50 - 1/100 dilution, in the presence (right panel) or absence (left panel) of phosphopeptide.



Western blot - Anti-IFNGR1 (phospho Y457) antibody (ab61062)

All lanes : Anti-IFNGR1 (phospho Y457) antibody (ab61062) at 1/500 dilution

Lane 1 : COS7 cell extract with no phosphopeptide
Lane 2 : COS7 cell extract with phosphopeptide

Predicted band size: 54 kDa
Observed band size: 80 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.cn/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors