


Anti-GAB2 (phospho Y643) antibody ab78262

[1 References](#) [2 图像](#)

概述

产品名称	Anti-GAB2 (phospho Y643)抗体
描述	兔多克隆抗体to GAB2 (phospho Y643)
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human GAB2 (phospho Y643). Run BLAST with ExpASY Run BLAST with NCBI
阳性对照	Extracts from Jurkat cells. Human brain tissue.
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: 0.87% Sodium chloride, 50% Glycerol (glycerin, glycerine), 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ab78262于以下的经测试应用

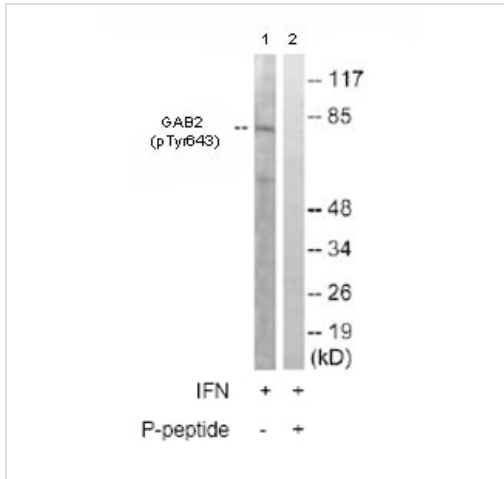
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 74 kDa (predicted molecular weight: 74 kDa).
IHC-P		1/50 - 1/100.

靶标

功能	Adapter protein which acts downstream of several membrane receptors including cytokine, antigen, hormone, cell matrix and growth factor receptors to regulate multiple signaling pathways. Regulates osteoclast differentiation mediating the TNFRSF11A/RANK signaling. In allergic response, it plays a role in mast cells activation and degranulation through PI-3-kinase regulation. Also involved in the regulation of cell proliferation and hematopoiesis.
序列相似性	Belongs to the GAB family. Contains 1 PH domain.
结构域	The SH3-binding motifs mediate interaction with SHC1 and GRB2. The PH domain mediates phosphatidylinositol 3,4,5-trisphosphate and phosphatidylinositol 3,4-bisphosphate binding.
翻译后修饰	Phosphorylated on tyrosine residue(s) by the thrombopoietin receptor (TPOR), stem cell factor receptor (SCFR), and T-cell and B-cell antigen receptors, gp130, IL-2R and IL-3R (By similarity). Phosphorylated upon stimulation of TNFRSF11A/RANK by TNFSF11/RANKL (By similarity). Phosphorylated upon EGF stimulation. Phosphorylated on tyrosine residues by HCK upon IL6 signaling. Dephosphorylated by PTPN11.
细胞定位	Cytoplasm. Cell membrane.

图片



Western blot - Anti-GAB2 (phospho Y643) antibody (ab78262)

All lanes : Anti-GAB2 (phospho Y643) antibody (ab78262) at 1/500 dilution

Lane 1 : Extracts from Jurkat cells, treated with IFN (2500U/ML, 30mins)

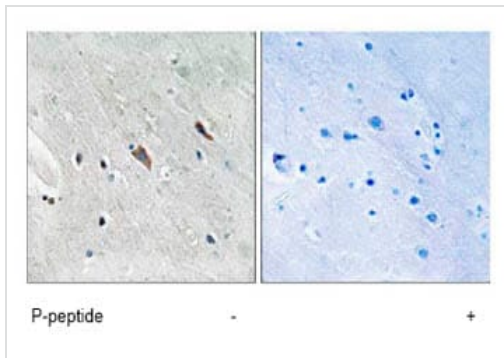
Lane 2 : Extracts from Jurkat cells, treated with IFN (2500U/ML, 30mins) plus 5µg immunizing peptide

Lysates/proteins at 5 µg per lane.

Predicted band size: 74 kDa

Observed band size: 74 kDa

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GAB2 (phospho Y643) antibody (ab78262)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using ab78262 at a 1/50 dilution.

Left image un-treated.

Right image treated with immunizing peptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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