


Product datasheet

Anti-GAB2 antibody ab79426

1 图像

概述

产品名称	Anti-GAB2抗体
描述	兔多克隆抗体to GAB2
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic non-phosphopeptide derived from Human GAB2 around the phosphorylation site of tyrosine 643 (V-D-Y ^P -V-Q).
阳性对照	Extracts from Jurkat cells.

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	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab79426** in the following tested applications.

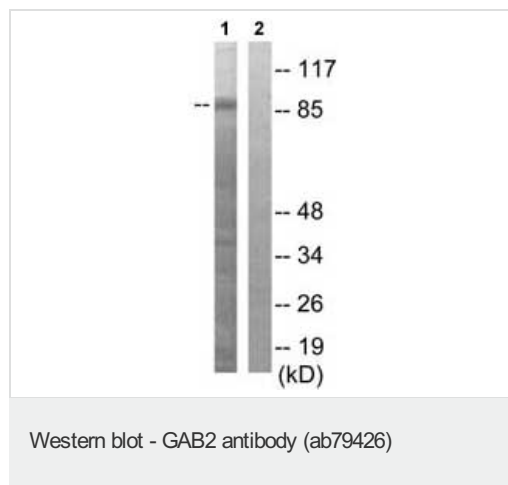
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 74 kDa.
ELISA		1/40000.

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



All lanes : Anti-GAB2 antibody (ab79426) at 1/500 dilution

Lane 1 : Extracts from Jurkat cells

Lane 2 : Extracts from Jurkat cells with immunizing peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size : 74 kDa

Observed band size : 90 kDa

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