

Anti-NRG3 antibody [EPR4148] ab109256

重组 RabMAb

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概述

产品名称	Anti-NRG3抗体[EPR4148]
描述	兔单克隆抗体[EPR4148] to NRG3
宿主	Rabbit
经测试应用	适用于: WB, Flow Cyt (Intra) 不适用于: ICC/IF, IHC-P or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Fetal brain, SH-SY5Y, C6, mouse brain and rat brain lysates. Flow Cyt (intra): Permeabilized C6 cells
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR4148

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab109256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		1/1000 - 1/10000. Detects a band of approximately 56 kDa (predicted molecular weight: 77 kDa).
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

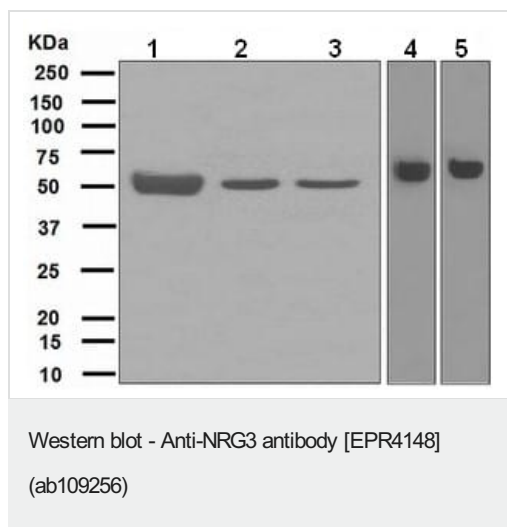
应用说明

Is unsuitable for ICC/IF,IHC-P or IP.

靶标

功能	Direct ligand for the ERBB4 tyrosine kinase receptor. Binding results in ligand-stimulated tyrosine phosphorylation and activation of the receptor. Does not bind to the EGF receptor, ERBB2 or ERBB3 receptors. May be a survival factor for oligodendrocytes.
组织特异性	Highly expressed in most regions of the brain with the exception of corpus callosum. Expressed at lower level in testis. Not detected in heart, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, ovary, small intestine, colon and peripheral blood leukocytes.
序列相似性	Belongs to the neuregulin family. Contains 1 EGF-like domain.
发展阶段	Isoform 3 is expressed in fetal brain but not in other fetal tissues.
结构域	The cytoplasmic domain may be involved in the regulation of trafficking and proteolytic processing. Regulation of the proteolytic processing involves initial intracellular domain dimerization. ERBB receptor binding is elicited entirely by the EGF-like domain.
翻译后修饰	Proteolytic cleavage close to the plasma membrane on the external face leads to the release of the soluble growth factor form. Extensive glycosylation precedes the proteolytic cleavage (By similarity). Isoform 3 is glycosylated.
细胞定位	Secreted; Cell membrane. Does not seem to be active and Cell membrane. Isoform 3 is also proteolytically released as a soluble form.

图片



All lanes : Anti-NRG3 antibody [EPR4148] (ab109256) at 1/1000 dilution

Lane 1 : Fetal brain lysate

Lane 2 : SH-SY5Y lysate

Lane 3 : C6 lysate

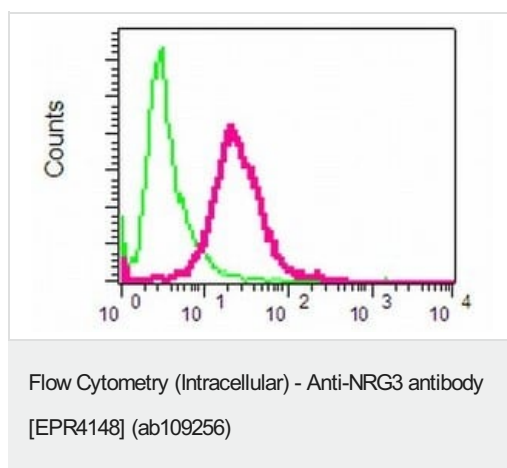
Lane 4 : Mouse brain lysate

Lane 5 : Rat brain lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 77 kDa

Observed band size: 56 kDa



Intracellular flow cytometric analysis of permeabilized C6 (Rat glial tumor cell line) cells using ab109256 (red) or a rabbit IgG (negative) (green).

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-NRG3 antibody [EPR4148] (ab109256)

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

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