


Anti-EDG8 antibody ab92994

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概述	
产品名称	Anti-EDG8抗体
描述	兔多克隆抗体to EDG8
宿主	Rabbit
特异性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
经测试应用	适用于: WB 不适用于: ICC/IF or IHC-P
种属反应性	与反应: Rat, Human 预测可用于: Mouse, Dog, Pig 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	This antibody gave a positive signal in the following lysates: Brain: corpus callosum (Human) Whole Cell Lysate; Brain (Human) Tissue Lysate; Spleen (Human) Tissue Lysate; Lung (Human) Tissue Lysate; U937 (Human leukemic monocyte lymphoma cell line) Whole Cell Lysate; MOLT4 (Human acute lymphoblastic leukemia cell line) Whole Cell Lysate
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide

Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

纯度 Immunogen affinity purified
克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab92994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		Use at an assay dependent concentration. Detects a band of approximately 41 kDa (predicted molecular weight: 42 kDa).

应用说明 Is unsuitable for ICC/IF or IHC-P.

靶标

功能 Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. Is coupled to both the G(i/o)alpha and G(12) subclass of heteromeric G-proteins (By similarity). May play a regulatory role in the transformation of radial glial cells into astrocytes and may affect proliferative activity of these cells.

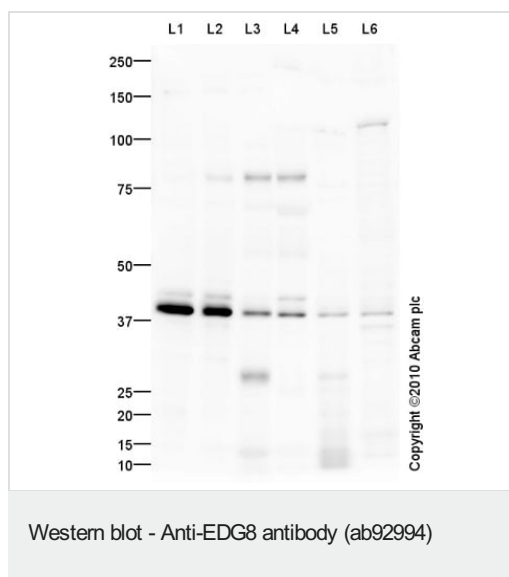
组织特异性 Widely expressed in the brain, most prominently in the corpus callosum, which is predominantly white matter. Detected in spleen, peripheral blood leukocytes, placenta, lung, aorta and fetal spleen. Low-level signal detected in many tissue extracts. Overexpressed in leukemic large granular lymphocytes. Isoform 1 is predominantly expressed in peripheral tissues. Isoform 2 is expressed in brain, spleen and peripheral blood leukocytes.

序列相似性 Belongs to the G-protein coupled receptor 1 family.

发展阶段 At 24 weeks of gestation, fragments of radial glial fibers are positive within the cortical plate and subplate of allocortical areas. These positive fragments often appear enlarged as varicosities and some of them terminate at blood vessels. Between 28 and 30 weeks of gestation, all iso- and allocortical areas contain immunolabelled radial glial fibers revealing curvature next to sulci. After 32 weeks of gestation, radial glial fibers gradually disappear; instead positive transitional stages between radial glia and astrocytes were found.

细胞定位 Cell membrane.

图片



All lanes : Anti-EDG8 antibody (ab92994) at 1 µg/ml

Lane 1 : Human brain corpus callosum tissue lysate (alzheimer) - total protein ([ab30027](#))

Lane 2 : Human brain tissue lysate - total protein ([ab29466](#))

Lane 3 : Human spleen tissue lysate - total protein ([ab29699](#))

Lane 4 : Lung (Human) Tissue Lysate

Lane 5 : U937 (Human leukemic monocyte lymphoma cell line)

Whole Cell Lysate

Lane 6 : MOLT4 (Human acute lymphoblastic leukemia cell line)

Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal Secondary Antibody to Rabbit IgG - H&L (HRP), pre-adsorbed at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 42 kDa

Observed band size: 41 kDa

Additional bands at: 30 kDa, 80 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 8 minutes

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

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