

Anti-IGF2 antibody ab9574

★★★★★ [20 Abreviews](#) [105 References](#) [2 图像](#)

概述

产品名称	Anti-IGF2抗体
描述	兔多克隆抗体to IGF2
宿主	Rabbit
经测试应用	适用于: WB, Sandwich ELISA
种属反应性	与反应: Recombinant fragment
免疫原	Recombinant full length protein corresponding to Human IGF2. Highly pure (>98%) recombinant hIGF-2 (human Insulin Like Growth Factor-2). Database link: P01344
常规说明	<p>Although some customers have been successful in IHC we no longer batch test in this application.</p> <p>Insulin Like Growth Factor-2 (IGF-2) is a polypeptide growth factor, which stimulates the proliferation of a wide range of cell types</p> <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	Lyophilized:Reconstitute with 200µl of sterile water. The reconstituted antibody is stable for at least 2 weeks at 2-8C and at least 6 months at -20C
存放说明	Shipped at 4°C. Store at -20°C.
纯度	Immunogen affinity purified
Primary antibody说明	Insulin Like Growth Factor-2 (IGF-2) is a polypeptide growth factor, which stimulates the proliferation of a wide range of cell types
克隆	多克隆
同种型	IgG

轻链类型 unknown

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab9574于以下的经测试应用

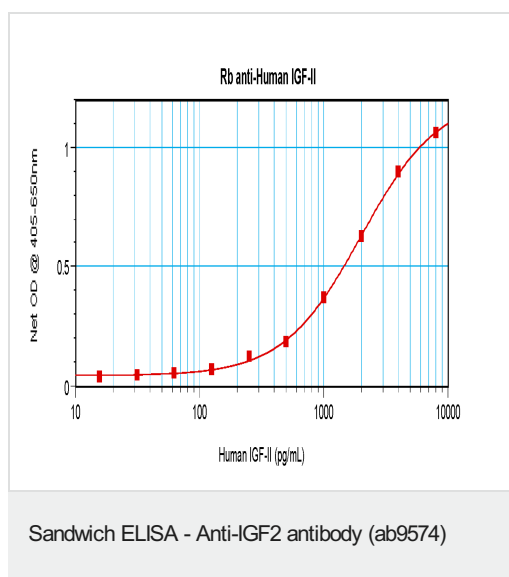
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★☆ (6)	Use at an assay dependent concentration. To detect hIGF-2 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIGF-2 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Sandwich ELISA		Use at an assay dependent concentration. To detect hIGF-II by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with ab83142 , allows the detection of at least 0.2 - 0.4 ng/well of recombinant hIGF-II.

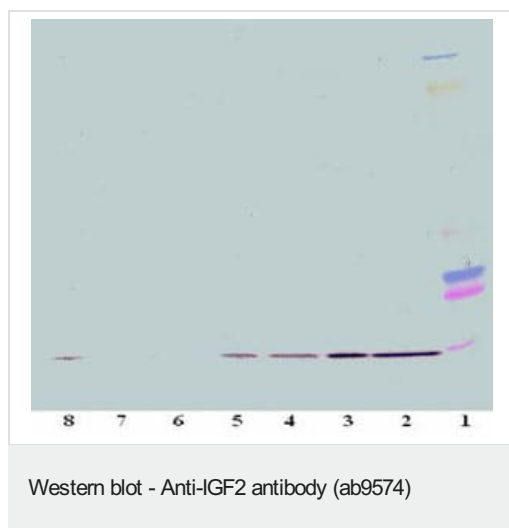
靶标

功能	<p>The insulin-like growth factors possess growth-promoting activity. In vitro, they are potent mitogens for cultured cells. IGF-II is influenced by placental lactogen and may play a role in fetal development.</p> <p>Preptin undergoes glucose-mediated co-secretion with insulin, and acts as physiological amplifier of glucose-mediated insulin secretion. Exhibits osteogenic properties by increasing osteoblast mitogenic activity through phosphoactivation of MAPK1 and MAPK3.</p>
疾病相关	<p>Epigenetic changes of DNA hypomethylation in IGF2 are a cause of Silver-Russell syndrome (SIRS) [MIM:180860]. SIRS is a clinically heterogeneous condition characterized by severe intrauterine growth retardation, poor postnatal growth, craniofacial features such as a triangular shaped face and a broad forehead, body asymmetry, and a variety of minor malformations.</p>
序列相似性	<p>Belongs to the insulin family.</p>
翻译后修饰	<p>O-glycosylated with a core 1 or possibly core 8 glycan.</p>
细胞定位	<p>Secreted.</p>

图片



ab9574 detecting IGF2 using sandwich ELISA



Rabbit Anti-Human IGF-II against Human IGF-II. Antibody concentration: 0.10 ug/ml Lower limit of detection: 3.91 ng/lane

Molecular Weight: 7.5 kDa

Lane 1: Marker

Lane 2: 250 ng

Lane 3: 125 ng

Lane 4: 62.5 ng

Lane 5: 31.25 ng

Lane 6: 15.625 ng

Lane 7: 7.8 ng

Lane 8: 3.9 ng

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