

Anti-Thrombospondin 2 antibody ab112543

7 References **2 图像**

概述

产品名称	Anti-Thrombospondin 2抗体
描述	兔多克隆抗体to Thrombospondin 2
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to an internal sequence of Human Thrombospondin 2.
阳性对照	WB: HeLa, 22RV1, U-87MG, THP-1, PC-3, Caco-2 whole cell lysates. IHC-P: Human Placenta 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	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab112543于以下的经测试应用

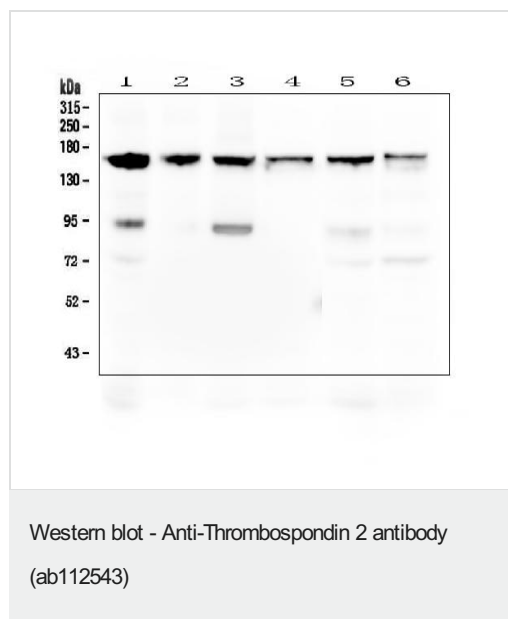
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 130 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml.

靶标

功能	Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Can bind to fibrinogen, fibronectin, laminin and type V collagen.
组织特异性	High expression in intervertebral disk tissue.
疾病相关	Genetic variations in THBS2 may be a cause of susceptibility to intervertebral disc disease (IDD) [MIM:603932]; also known as lumbar disk herniation (LDH). IDD is one of the most common musculo-skeletal disorders and the predominant cause of low-back pain and unilateral leg pain.
序列相似性	<p>Belongs to the thrombospondin family.</p> <p>Contains 3 EGF-like domains.</p> <p>Contains 1 TSP C-terminal (TSPC) domain.</p> <p>Contains 1 TSP N-terminal (TSPN) domain.</p> <p>Contains 3 TSP type-1 domains.</p> <p>Contains 8 TSP type-3 repeats.</p> <p>Contains 1 VWFC domain.</p>

图片



All lanes : Anti-Thrombospondin 2 antibody (ab112543) at 0.5 µg/ml

Lane 1 : HeLa cell lysate

Lane 2 : 22RV1 cell lysate

Lane 3 : U-87MG cell lysate

Lane 4 : THP-1 cell lysate

Lane 5 : PC-3 cell lysate

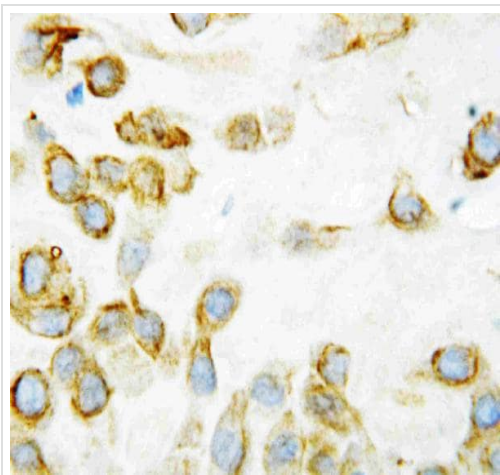
Lane 6 : Caco-2 cell lysate

Lysates/proteins at 50 µg per lane.

Secondary

All lanes : goat anti-rabbit IgG-HRP secondary antibody at 1/10000 dilution

Predicted band size: 130 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thrombospondin 2 antibody (ab112543)

Thrombospondin 2/THBS2 was detected in paraffin-embedded section of human placenta tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 µg/ml ab112543 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.

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