

Anti-sRANKL antibody ab62516

★★★★★ [6 Abreviews](#) [19 References](#) [4 图像](#)

概述

产品名称	Anti-sRANKL 抗体
描述	兔多克隆抗体 to sRANKL
宿主	Rabbit
特异性	IHC-P has not been validated for use with mouse and rat.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide (Human) of 14 amino acids from near the centre of sRANKL
阳性对照	WB: A431, K562 and HeLa cell lysates. Mouse kidney and skin tissue lysates. Rat liver tissue lysate. IHC-P: Human liver tissue.
常规说明	<p>This antibody will recognize both the soluble form and the uncleaved transmembrane form of RANK-L.</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	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 long term.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p>
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ab62516于以下的经测试应用

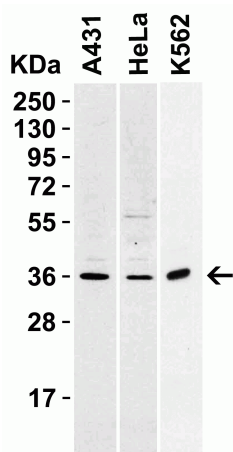
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (2)	Use a concentration of 0.25 - 0.5 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 35 kDa).
IHC-P	★★★★★ (2)	Use a concentration of 5 µg/ml. Only validated for human samples.

靶标

功能	Cytokine that binds to TNFRSF11B/OPG and to TNFRSF11A/RANK. Osteoclast differentiation and activation factor. Augments the ability of dendritic cells to stimulate naive T-cell proliferation. May be an important regulator of interactions between T-cells and dendritic cells and may play a role in the regulation of the T-cell-dependent immune response. May also play an important role in enhanced bone-resorption in humoral hypercalcemia of malignancy.
组织特异性	Highest in the peripheral lymph nodes, weak in spleen, peripheral blood Leukocytes, bone marrow, heart, placenta, skeletal muscle, stomach and thyroid.
疾病相关	Defects in TNFSF11 are the cause of osteopetrosis autosomal recessive type 2 (OPTB2) [MIM:259710]; also known as osteoclast-poor osteopetrosis. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. The disorder occurs in two forms: a severe autosomal recessive form occurring in utero, infancy, or childhood, and a benign autosomal dominant form occurring in adolescence or adulthood. Autosomal recessive osteopetrosis is usually associated with normal or elevated amount of non-functional osteoclasts. OPTB2 is characterized by paucity of osteoclasts, suggesting a molecular defect in osteoclast development.
序列相似性	Belongs to the tumor necrosis factor family.
翻译后修饰	The soluble form of isoform 1 derives from the membrane form by proteolytic processing (By similarity). The cleavage may be catalyzed by ADAM17.
细胞定位	Cytoplasm; Secreted and Cell membrane.

图片



Western blot - Anti-sRANKL antibody (ab62516)

All lanes : Anti-sRANKL antibody (ab62516) at 1 µg/ml

Lane 1 : A431 cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : K562 (Human chronic myelogenous leukemia cell line from bone marrow) cell lysate

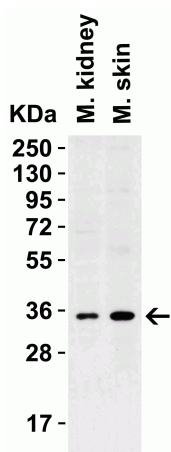
Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat anti-rabbit IgG HRP conjugate at 1/10000 dilution

Predicted band size: 35 kDa

Observed band size: 36 kDa



Western blot - Anti-sRANKL antibody (ab62516)

All lanes : Anti-sRANKL antibody (ab62516) at 2 µg/ml

Lane 1 : Mouse kidney tissue lysate

Lane 2 : Mouse skin tissue lysate

Lysates/proteins at 15 µg per lane.

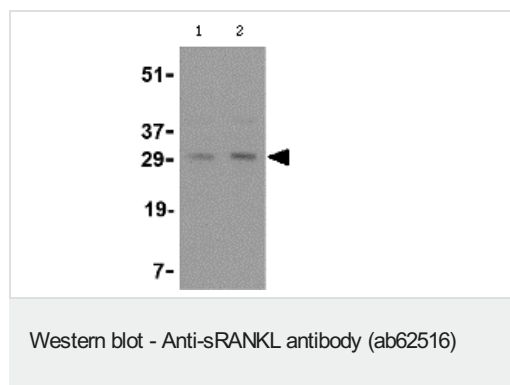
Secondary

All lanes : Goat anti-rabbit IgG HRP conjugate at 1/10000 dilution

Predicted band size: 35 kDa

Observed band size: 36 kDa

Blocking buffer: 5% NFDM/TBST.



Lane 1 : Anti-sRANKL antibody (ab62516) at 0.25 µg/ml

Lane 2 : Anti-sRANKL antibody (ab62516) at 0.5 µg/ml

All lanes : Rat liver tissue lysate

Lysates/proteins at 15 µg per lane.

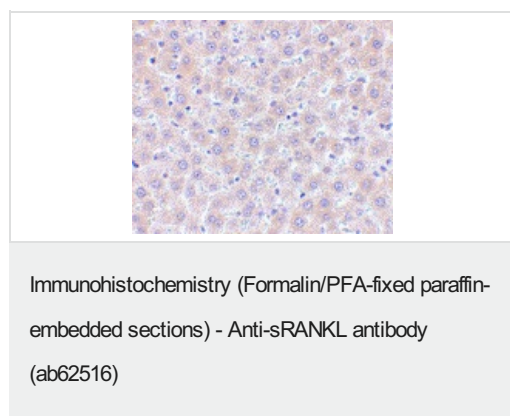
Secondary

All lanes : Goat anti-rabbit IgG HRP conjugate at 1/10000 dilution

Predicted band size: 35 kDa

Observed band size: 30 kDa

Blocking buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded human liver tissue using ab62516 at 5µg/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1h at RT. Antigen retrieval was by heat mediation with a citrate buffer (pH 6.0). Samples were incubated with primary antibody overnight at 4°C. Goat anti-rabbit IgG H&L (HRP) at 1/250 dilution was used as a secondary. Counter stained with Hematoxylin.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors