


Product datasheet

Anti-CXCL14 antibody ab137541

★★★★★ [1 Abreviews](#) [6 References](#) [4 Images](#)

Overview

Product name	Anti-CXCL14 antibody
Description	Rabbit polyclonal to CXCL14
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Cow, Pig, Monkey 
Immunogen	Synthetic peptide, corresponding to a region within amino acids 47-111 of Human CXCL14.
Positive control	293T, A431, H1299 and Mouse brain whole cell lysates; Human renal cell carcinoma tissue; HeLa, HepG2, Molt-4 and Raji cell lysates.
General notes	<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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab137541 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 13 kDa.
IHC-P		1/100 - 1/1000. Suggested antigen retrieval using heat mediated 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0).

Target

Function

Potent chemoattractant for neutrophils, and weaker for dendritic cells. Not chemotactic for T-cells, B-cells, monocytes, natural killer cells or granulocytes. Does not inhibit proliferation of myeloid progenitors in colony formation assays.

Tissue specificity

Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Highly expressed in normal tissue without inflammatory stimuli and infrequently expressed in cancer cell lines. Weakly expressed in monocyte-derived dendritic cells. Not detected in lung or unstimulated peripheral blood lymphocytes.

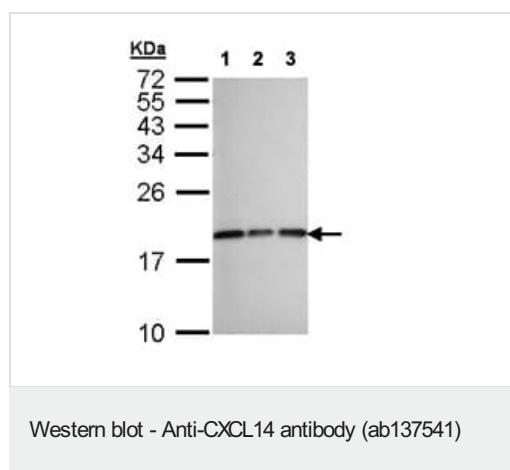
Sequence similarities

Belongs to the intercrine alpha (chemokine CxC) family.

Cellular localization

Secreted.

Images



All lanes : Anti-CXCL14 antibody (ab137541) at 1/1000 dilution

Lane 1 : 293T whole cell lysate

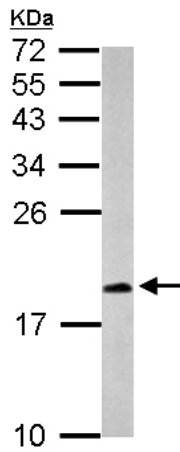
Lane 2 : A431 whole cell lysate

Lane 3 : H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 13 kDa

12% SDS PAGE

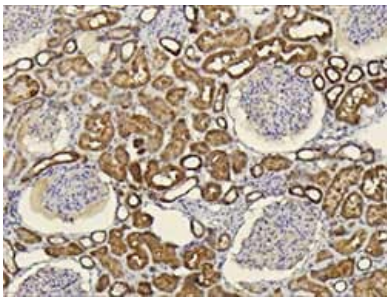


Western blot - Anti-CXCL14 antibody (ab137541)

Anti-CXCL14 antibody (ab137541) at 1/1000 dilution + Mouse brain whole cell lysate at 50 µg

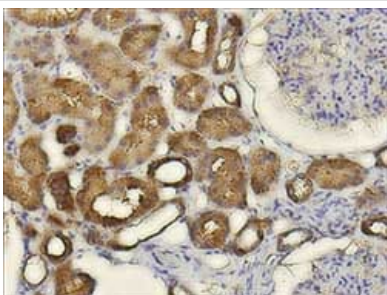
Predicted band size: 13 kDa

15% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CXCL14 antibody (ab137541)

Immunohistochemical analysis of paraffin-embedded Human renal cell carcinoma tissue labelling CXCL14 with ab137541 at 1/100 dilution.



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

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- Response to your inquiry within 24 hours

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