

### Anti-CXCL14 antibody ab46010

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#### Overview

<b>Product name</b>	Anti-CXCL14 antibody
<b>Description</b>	Rabbit polyclonal to CXCL14
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Sandwich ELISA, ICC/IF, IHC-P, WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Highly pure (>98%) recombinant hBRAK (human BRAK).
<b>General notes</b>	<p>Although some customers have been successful in IHC we no longer batch test in this application. The sterile filtered antibody solution was lyophilized from 0.5xPBS, pH7.4.</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&amp;As</p>

#### Properties

<b>Form</b>	Lyophilized:Reconstitute 100µl sterile water to give a concentration 1 mg/ml. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab46010 in the following tested applications.

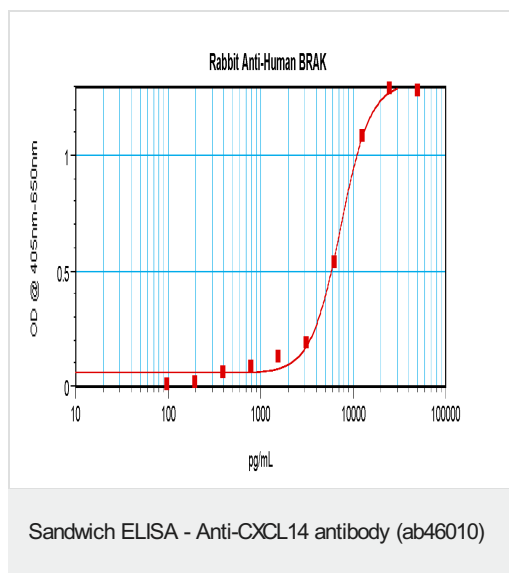
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>Sandwich ELISA</b>		Use at an assay dependent concentration. To detect CXCL14 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required.
<b>ICC/IF</b>		Use at an assay dependent concentration.
<b>IHC-P</b>		Use at an assay dependent concentration.
<b>WB</b>		Use at an assay dependent concentration. Predicted molecular weight: 13 kDa. Detection limit 1.5 - 3.0 ng/lane under reducing or non-reducing conditions.
<b>ELISA</b>		Use at an assay dependent concentration. Detection limit 0.2 - 0.4 ng/well.

## Target

<b>Function</b>	Potent chemoattractant for neutrophils, and weaker for dendritic cells. Not chemotactive for T-cells, B-cells, monocytes, natural killer cells or granulocytes. Does not inhibit proliferation of myeloid progenitors in colony formation assays.
<b>Tissue specificity</b>	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.
<b>Sequence similarities</b>	Belongs to the intercrine alpha (chemokine CxC) family.
<b>Cellular localization</b>	Secreted.

## Images



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

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