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anti-CXCL14 antibody (Middle Region)

3 Images



Publications



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Quantity:	100 μL
Target:	CXCL14
Binding Specificity:	Middle Region
Reactivity:	Rat, Dog, Cow, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL14 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CXCL14
Sequence:	PHCEEKMVII TTKSVSRYRG QEHCLHPKLQ STKRFIKWYN AWNEKRRVYE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CXCL14. It was validated on Western Blot.

Target Details

Target:	CXCL14
Alternative Name:	CXCL14 (CXCL14 Products)
Background:	CXCL14 belongs to the cytokine family which encode secreted proteins involved in
	immunoregulatory and inflammatory processes. The protein encoded by this gene is

structurally related to the CXC (Cys-X-Cys) subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes but not for lymphocytes, dendritic cells, neutrophils or macrophages. It has been implicated that this cytokine is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation.

Alias Symbols: BMAC, BRAK, KEC, KS1, MGC10687, MIP-2g, MIP2G, NJAC, SCYB14

Protein Interaction Partner: TEX11, TRIM23, REL, APP,

Protein Size: 111

Molecular Weight: 9 kDa

Gene ID: 9547

NCBI Accession: NM_004887, NP_004878

UniProt: 095715

Pathways: Autophagy

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 111 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

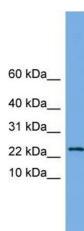
aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Suen, Uddin, Prow, Bowen, Hall, Bielefeldt-Ohmann: "Tissue-specific transcription profile of cytokine and chemokine genes associated with flavivirus control and non-lethal neuropathogenesis in rabbits." in: **Virology**, Vol. 494, pp. 1-14, (2016) (PubMed).

Images



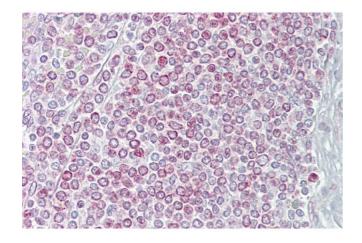
Rabbit Anti-CXCL14 Antibody Catalog Number: AVARP07023

Lot Number: QC0506 Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 10-20%

Western Blotting

Image 1.



Immunohistochemistry

Image 2. Immunohistochemistry with Spleen tissue at an antibody concentration of $5\mu g/ml$ using anti-CXCL14 antibody (AVARP07023_P050)



Western Blotting

Image 3. WB Suggested Anti-CXCL14 Antibody Titration: 1 ug/ml Positive Control: HepG2 cell lysate