

Datasheet for ABIN2792191 anti-CXCL9 antibody (Middle Region)



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Overview

Quantity:	100 µL
Target:	CXCL9
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CXCL9
Sequence:	QTCLNPDSAD VKELIKKWEK QVSQKKKQKN GKKHQKKKVL KVRKSQRSRQ
Predicted Reactivity:	Cow: 90%, Horse: 100%, Human: 100%, Mouse: 83%, Pig: 91%, Rat: 83%
Characteristics:	This is a rabbit polyclonal antibody against CXCL9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CXCL9
Alternative Name:	CXCL9 (CXCL9 Products)

Target Details

Background:	<p>The function of CXCL9 has not been specifically defined, however, it is thought to be involved in T cell trafficking. This gene has been localized to 4q21 with INP10, which is also a member of the chemokine family of cytokines. The function of this gene has not been specifically defined, however, it is thought to be involved in T cell trafficking. This gene has been localized to 4q21 with INP10, which is also a member of the chemokine family of cytokines. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: CMK, Humig, MIG, SCYB9, crg-10</p> <p>Protein Interaction Partner: SYNE4, CCDC155, PTPN5, SFTPC, BMF, PAX8, CCR3, CXCR3, DPP4, Protein Size: 125</p>
Molecular Weight:	12 kDa
Gene ID:	4283
NCBI Accession:	NM_002416 , NP_002407
UniProt:	Q07325

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 125 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

Handling

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: Adeosun, Albert, Austin, Iyo: "17 β -estradiol-induced regulation of the novel 5-HT1A-related transcription factors NUDR and Freud-1 in SH SY5Y cells." in: **Cellular and molecular neurobiology**, Vol. 32, Issue 4, pp. 517-21, (2012) ([PubMed](#)).

Szewczyk, Albert, Rogaeva, Fitzgibbon, May, Rajkowska, Miguel-Hidalgo, Stockmeier, Woolverton, Kyle, Wang, Austin: "Decreased expression of Freud-1/CC2D1A, a transcriptional repressor of the 5-HT1A receptor, in the prefrontal cortex of subjects with major depression." in: **The international journal of neuropsychopharmacology / official scientific journal of the Collegium Internationale Neuropsychopharmacologicum (CINP)**, Vol. 13, Issue 8, pp. 1089-101, (2010) ([PubMed](#)).

Szewczyk, Albert, Burns, Czesak, Overholser, Jurjus, Meltzer, Konick, Dieter, Herbst, May, Rajkowska, Stockmeier, Austin: "Gender-specific decrease in NUDR and 5-HT1A receptor proteins in the prefrontal cortex of subjects with major depressive disorder." in: **The international journal of neuropsychopharmacology / official scientific journal of the Collegium Internationale Neuropsychopharmacologicum (CINP)**, Vol. 12, Issue 2, pp. 155-68, (2009) ([PubMed](#)).

Cordeaux, Pasupathy, Bacon, Charnock-Jones, Smith: "Characterization of serotonin receptors in pregnant human myometrium." in: **The Journal of pharmacology and experimental therapeutics**, Vol. 328, Issue 3, pp. 682-91, (2009) ([PubMed](#)).

Iyo, Kieran, Chandran, Albert, Wicks, Bissette, Austin: "Differential regulation of the serotonin 1 A transcriptional modulators five prime repressor element under dual repression-1 and nuclear-deformed epidermal autoregulatory factor by chronic stress." in: **Neuroscience**, Vol. 163, Issue 4, pp. 1119-27, (2009) ([PubMed](#)).



Western Blotting

Image 1. WB Suggested Anti-CXCL9 Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human
Liver