

Rabbit anti-Human CXCL1 Polyclonal Antibody | anti-CXCL1 antibody

Polyclonal Anti-CXCL1 Antibody

CATALOG # AAA45091	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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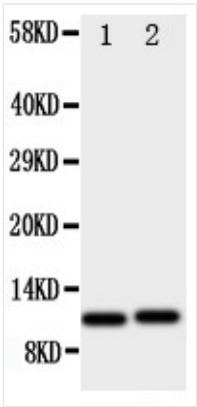
PRODUCT SYNONYMS

CXCL1; Polyclonal Antibody; Polyclonal Anti-CXCL1 Antibody; Growth-regulated alpha protein; chemokine(C-X-C motif) ligand 1(melanoma growth stimulating activity; alpha); C-X-C motif chemokine 1 antibody; Chemokine(C X C motif) ligand 1 antibody; Chemokine(C-X-C motif) ligand 1(melanoma growth stimulating activity; alpha) antibody; chemokine(C-X-C motif) ligand 1 antibody; Chemokine ligand 1 antibody; CINC-1 antibody; Cxcl 1 antibody; Cxcl1 antibody; Cytokine-induced neutrophil chemoattractant 1 antibody; Fibroblast secretory protein antibody; Fsp antibody; Gro 1 antibody; Gro A antibody; GRO alpha antibody; GRO antibody; GRO protein; alpha antibody; GRO-alpha(1-73) antibody; GRO-alpha(6-73) antibody; Gro1 antibody; GRO1 oncogene(melanoma growth stimulating activity; GRO1 oncogene(melanoma growth-stimulating activity) antibody; Gro1 oncogene antibody; GroA antibody; GROA_HUMAN antibody; Growth regulated protein alpha antibody; Growth regulated protein GRO antibody; KC antibody; KC chemokine; mouse; homolog of antibody; Melanoma growth stimulatory activity alpha antibody; Melanoma growth stimulatory activity antibody; Melanoma growth stimulatory activity; MGSA a antibody; MGSA alpha antibody; MGSA antibody; MGSA-a antibody; N51 antibody; NAP 3 antibody; NAP-3 antibody; NAP3 antibody; Neutrophil activating protein 3 antibody; Neutrophil-activating protein 3 antibody; Platelet-derived growth factor-inducible protein KC antibody; Scyb 1 antibody; SCYB1 antibody; Secretory protein N51 antibody; Small inducible cytokine subfamily B; member 1 antibody; anti-CXCL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized; Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Sequence Length	107
Applicable Applications for anti-CXCL1 antibody	WB (Western Blot)
Recommended Protein Name	Growth-regulated alpha protein.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CXCL (99-107aa KMLNSDKSN).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-GRO alpha antibody, AAA45091, Western blottingAll lanes: Anti GRO alpha (AAA45091)
at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: JURKAT Whole Cell Lysate at
40ugPredicted bind size: 11KDObserved bind size: 11KD

ADDITIONAL INFORMATION

Related Product Information for anti-CXCL1 antibody	Description: Rabbit IgG polyclonal antibody for Growth-regulated alpha protein(CXCL1) detection. Tested with WB in Human. Background: CXCL1(Chemokine, CXC motif, Ligand 1), also called GRO1, SCYB1, GROA or MGSA, is a small cytokine belonging to the CXC chemokine family that was previously called GRO1 oncogene, GROalpha, KC, Neutrophil-activating protein 3(NAP-3) and melanoma growth stimulating activity, alpha(MSGA-alpha). In humans, this protein is encoded by the CXCL1 gene. The CXCL1 gene is mapped on 4q13.3. CXCL1 is secreted by human melanoma cells, has mitogenic properties and is implicated in melanoma pathogenesis. CXCL1 is expressed by macrophages, neutrophils and epithelial cells, and has neutrophil chemoattractant activity. CXCL1 plays a role in spinal cord development by inhibiting the migration of oligodendrocyte precursors and is involved in the processes of angiogenesis, inflammation,wound healing, and tumorigenesis. Signaling through Cxcr2, Cxcl1 inhibited oligodendrocyte precursor migration. The migrational arrest was rapid, reversible, and concentration dependent, and it reflected enhanced cell/substrate interactions. White matter expression of Cxcl1 was temporospatially regulated. Others contribute to aggressive growth selectivity in the lung. Among the lung metastasis signature genes identified, several, including CXCL1, were functionally validated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121622
NCBI GeneID	2919
UniProt Accession #	P09341; Q9UCR7
NCBI Official Full Name	Growth-regulated alpha protein
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)
NCBI Official Symbol	CXCL1
NCBI Official Synonym Symbols	FSP; GRO1; GROa; MGSA; NAP-3; SCYB1; MGSA-a
NCBI Protein Information	growth-regulated alpha protein; MGSA alpha; GRO-alpha(1-73); C-X-C motif chemokine 1; fibroblast secretory protein; neutrophil-activating protein 3; melanoma growth stimulatory activity alpha; GRO1 oncogene (melanoma growth-stimulating activity); GRO1 oncogene (melanoma growth stimulating activity, alpha)
UniProt Protein Name	Growth-regulated alpha protein
UniProt Gene Name	CXCL1
UniProt Synonym Gene Names	GRO; GRO1; GROA; MGSA; SCYB1; MGSA; NAP-3
UniProt Entry Name	GROA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cxcl1-antibody-western-blot-elisa/45091>