

Datasheet for ABIN4886553
anti-CXCL3 antibody (AA 32-100)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CXCL3
Binding Specificity:	AA 32-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for C-X-C motif chemokine 3(CXCL3) detection. Tested with WB, ELISA in Mouse.
Immunogen:	E. coli-derived mouse GRO gamma recombinant protein (Position: S32-S100). Mouse GRO gamma shares 60.6% and 90.6% amino acid (aa) sequence identity with human and rat GRO gamma, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for C-X-C motif chemokine 3(CXCL3) detection. Tested with WB, ELISA in Mouse.</p> <p>Gene Name: C-X-C motif chemokine ligand 3</p> <p>Protein Name: C-X-C motif chemokine 3</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	CXCL3
Alternative Name:	CXCL3 (CXCL3 Products)
Background:	<p>Chemokine (C-X-C motif) ligand 3 (CXCL3), also known as GRO protein gamma (GROg) and macrophage inflammatory protein-2-beta (MIP2b), is a small cytokine belonging to the CXC chemokine family. It is mapped to 14p2. CXCL3 controls migration and adhesion of monocytes and mediates its effects on its target cell by interacting with a cell surface chemokine receptor. It has been shown that CXCL3 regulates cell autonomously the migration of the precursors of cerebellar granule neurons toward the internal layers of cerebellum, during the morphogenesis of cerebellum. CXCL3 also play fundamental roles in the development, homeostasis and it has effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.</p> <p>Synonyms: Cinc 2 Cinc2 Cinc-2 CINC 2b CINC2b CINC-2b CXCL 3 CXCL3 Dcip1 Gm1960 GRO protein gamma GRO-gamma GRO-gamma(1-73) GRO-gamma(5-73) GRO3 GRO3 oncogene GROG MGSA gamma MIP 2b MIP2b MIP-2b MIP2-beta MIP 2B MIP2B MIP-2B SCYB3 Q6W5C0</p>
Gene ID:	330122
UniProt:	Q6W5C0
Pathways:	Cellular Response to Molecule of Bacterial Origin, Autophagy

Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse</p> <p>ELISA: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse</p> <p>Notes: Tested Species: Species with positive results.</p> <p>Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	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



Western Blotting

Image 1. Western blot analysis of GRO gamma expression in mouse lung extract (Lane 1) and mouse spleen extract (Lane 2). GRO gamma at 25KD was detected using rabbit anti- GRO gamma Antigen Affinity purified polyclonal antibody (Catalog #) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).