

Datasheet for ABIN7354754
anti-CXCL7 antibody (AA 55-128)



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Overview

Quantity:	100 µg
Target:	CXCL7 (PPBP)
Binding Specificity:	AA 55-128
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL7 antibody is un-conjugated
Application:	ELISA (Detection)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for NAP2 detection. Tested with ELISA(Det) in Human.
Immunogen:	E. coli-derived human NAP2 recombinant protein (Position: S55-D128).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for NAP2 detection. Tested with ELISA(Det) in Human.
Purification:	Immunogen affinity purified.

Target Details

Target:	CXCL7 (PPBP)
Alternative Name:	PPBP (PPBP Products)

Target Details

Background:	Synonyms: Platelet basic protein, PBP, C-X-C motif chemokine 7, Leukocyte-derived growth factor, LDGF, Macrophage-derived growth factor, MDGF, Small-inducible cytokine B7, PPBP, CTAP3, CXCL7, SCYB7, TGB1, THBGB1, NAP-2 Background: Chemokine (C-X-C motif) ligand 7 (CXCL7), also known as NAP2 or Pro-Platelet basic protein (PPBP), is a human gene. The protein encoded by this gene is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. It has been shown to stimulate various cellular processes including DNA synthesis, mitosis, glycolysis, intracellular cAMP accumulation, prostaglandin E2 secretion, and synthesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by synovial cells. Furthermore, the protein is an antimicrobial protein with bactericidal and antifungal activity.
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Gene ID:	5473
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UniProt:	P02775
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Application Details

Application Notes:	Application details: ELISA(Det) 0.1-0.5 µg/mL
Comment:	Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Buffer:	Each vial contains 4 mg Trehalose, 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.
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.