

Rabbit anti-Mouse CXCL7 Polyclonal Antibody | anti-PPBP antibody

Anti-CXCL7 Antibody, Rabbit Polyclonal

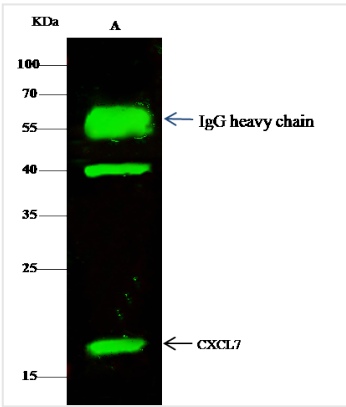
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257098	Rabbit	Mouse	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

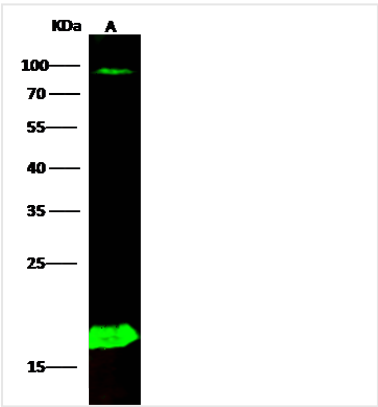
CXCL7; Polyclonal Antibody; Anti-CXCL7 Antibody; Rabbit Polyclonal; NAP-2/PPBP/CXCL7 Antibody; Rabbit PAb; Antigen Affinity Purified; pro-platelet basic protein (chemokine (C-X-C motif) ligand 7); Anti-2400003M24Rik Antibody; Anti-AI854500 Antibody; Anti-b-TG1 Antibody; Anti-beta-TG Antibody; Anti-CTAP3 Antibody; Anti-CTAPIII Antibody; Anti-Cxcl7 Antibody; Anti-LA-PF4 Antibody; Anti-LDGF Antibody; Anti-MDGF Antibody; Anti-NAP-2 Antibody; Anti-NAP-2-L1 Antibody; Anti-Scyb7 Antibody; Anti-TGB Antibody; Anti-TGB1 Antibody; Anti-THBGB1 Antibody; anti-PPBP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse NAP-2/PPBP/CXCL7
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PPBP antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse NAP-2/PPBP/CXCL7 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse NAP-2/PPBP/CXCL7. NAP-2/PPBP/CXCL7 specific IgG was purified by Mouse NAP-2/PPBP/CXCL7 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
Mouse CXCL7 was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate 2 uL anti-Mouse CXCL7 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-Mouse CXCL7 rabbit polyclonal antibody, at 1:200 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 16 kDa. Observed band size: 16 kDa.



WB (Western Blot)
Anti-CXCL7(61) rabbit polyclonal antibody at 1:500 dilution. Lane A: 293T Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 14 kDa. Observed band size: 16 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PPBP antibody	Pro-platelet basic protein (PPBP) is also known as Chemokine (C-X-C motif) ligand 7 (CXCL7) and nucleosome assembly protein (Nap-2). Nap-2/PPBP/CXCL7 is released in large amounts from platelets following their activation and is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. Nap-2/PPBP/CXCL7 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. Nap-2 is a ligand for CXCR1 and CXCR2, and Nap-2, Nap-2 (73), Nap-2 (74), Nap-2 (1-66), and most potent Nap-2 (1-63) are chemoattractants and activators for neutrophils.
References	Walz A, et al. (1989) Effects of the neutrophil-activating peptide NAP-2, platelet basic protein, connective tissue-activating peptide III and platelet factor 4 on human neutrophils. J Exp Med. 170(5):1745-50. Walz A, et al. (1990) Generation of the neutrophil-activating peptide NAP-2 from platelet basic protein or connective tissue-activating peptide III through monocyte proteases. J Exp Med. 171(2): 449-54. Loetscher P, et al. (1994) Both interleukin-8 receptors independently mediate chemotaxis. Jurkat cells transfected with IL-8R1 or IL-8R2 migrate in response to IL-8, GRO alpha and NAP-2. FEBS Lett. 341(2-3): 187-92.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12963823
NCBI GeneID	57349
NCBI Accession #	NP_076274.1
NCBI GenBank Nucleotide #	NM_023785.2
UniProt Accession #	Q9EQI5
NCBI Official Full Name	platelet basic protein
NCBI Official Synonym Full Names	pro-platelet basic protein
NCBI Official Symbol	Ppbp
NCBI Official Synonym Symbols	TGB; LDGF; MDGF; TGB1; CTAP3; Cxcl7; NAP-2; Scyb7; b-TG1; LA-PF4; THGBB1; CTAPIII; beta-TG; A1854500; NAP-2-L1; 2400003M24Rik
NCBI Protein Information	platelet basic protein; chemokine (C-X-C motif) ligand 7
UniProt Protein Name	Chemokine (C-X-C motif) ligand 7, isoform CRA_b

UniProt Gene Name	Ppbb
UniProt Synonym Gene Names	Cxcl7
UniProt Entry Name	Q9EQI5_MOUSE

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/cxcl7-antibody-immunoprecipitation-western-blot-elisa/257098>