

Product datasheet for **PP1056P1**

CXCL7 (PPBP) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human NAP-2 (100.0 ng/ml), a concentration of 5.0-10.0 µg/ml of this antibody is required. Sandwich ELISA: To detect NAP-2 by Sandwich ELISA ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotin conjugated anti-NAP2 antibody (<i>Cat.-No</i> PP1056B1 or PP1056B2) as a Detection antibody allows the detection of at least 0.2-0.4 ng/well of recombinant Human NAP-2. Western Blot: To detect Human NAP-2 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human NAP-2 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) <i>E.coli</i> derived recombinant Human NAP-2 (<i>Cat.-No</i> PA112)
Specificity:	This antibody reacts with Human Neutrophil Activating Protein-2 (hNAP-2).
Formulation:	PBS, pH 7.2 without preservatives State: Aff - Purified State: Lyophilized purified (sterile filtered) Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography using an immobilized Human NAP-2 matrix
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name: pro-platelet basic protein

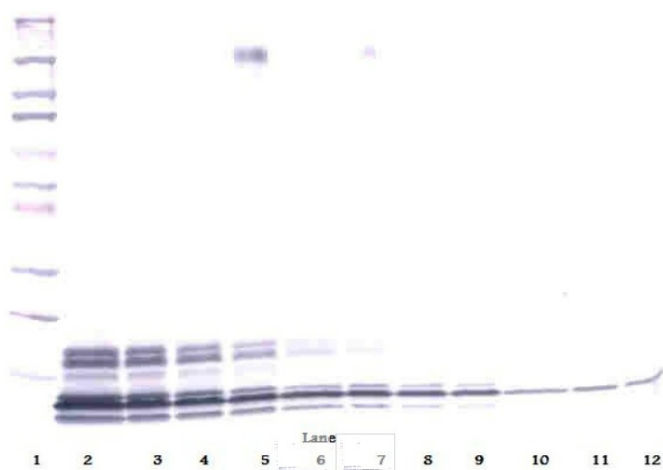
Database Link: [Entrez Gene 5473 Human P02775](#)

Background: NAP2 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.

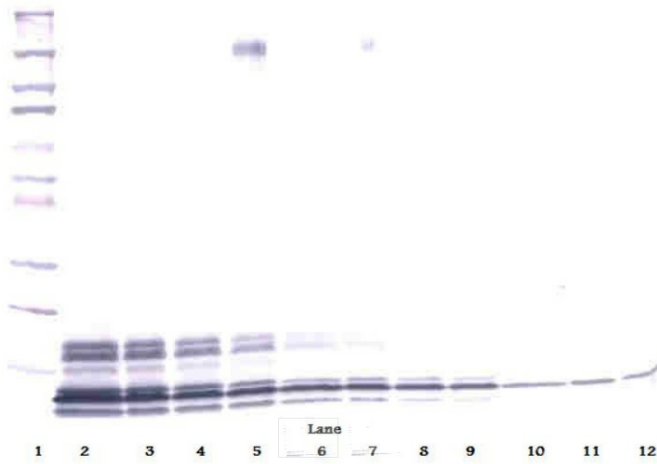
Synonyms: CTAP3, SCYB7, TGB1, THBGB1

Note: Centrifuge vial prior to opening!

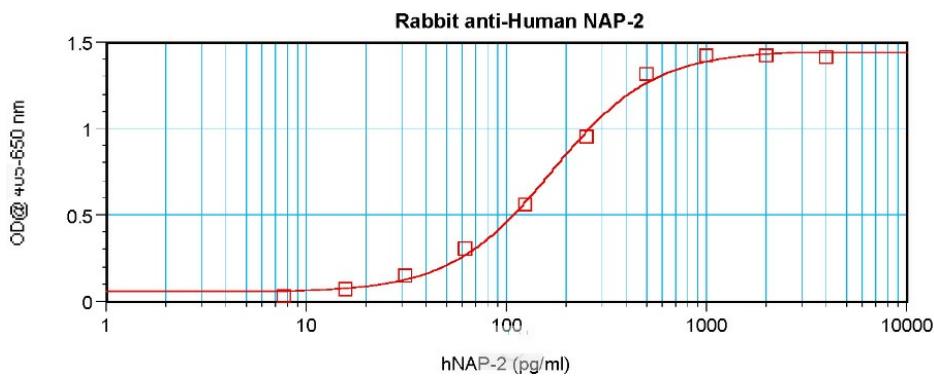
Product images:



Western Blot (Unreduced) using NAP2 / PPBP / CXCL7 Antibody Cat.-No [PP1056P]



Western Blot (Reduced) using NAP2 / PPBP / CXCL7 Antibody Cat.-No [PP1056P]



Sandwich ELISA using NAP2 / PPBP / CXCL7 Antibody Cat.-No [PP1056P]