

## Anti-NAP2/Ppbp Biotinylated Antibody

Catalog Number: A02736-Biotin

### About PPBP

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.

### Overview

Product Name	Anti-NAP2/Ppbp Biotinylated Antibody
Reactive Species	Human
Description	Boster Bio Anti-NAP2/Ppbp Biotinylated Antibody catalog # A02736-Biotin. Tested in ELISA applications. This antibody reacts with Human.
Conjugate	Biotin
Application	ELISA
Clonality	Polyclonal
Formulation	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg NaN <sub>3</sub> .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P02775

### Technical Details

Immunogen	E. coli-derived human NAP2 recombinant protein (Position: S55-D128).
Predicted Reactive Species	Human
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

ELISA Detection (Matched Antibody Pair), 0.1-0.5ug/ml

## Anti-NAP2/Ppbp Biotinylated Antibody (A02736-Biotin) Images



Boster Kit Box

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