

## Product Information

**Anti-Platelet Basic Protein  
antibody produced in chicken,  
affinity isolated antibody**

Catalog Number **GW21074**

Formerly listed as GenWay Catalog Number 15-288-21074,  
Platelet basic protein Antibody.

Storage Temperature Store at  $-20\text{ }^{\circ}\text{C}$

Synonyms: Pro-platelet basic protein, PBP; Small inducible cytokine B7; CXCL7; Leukocyte-derived growth factor; LDGF; Macrophage-derived growth factor; MDGF

### Product Description

LA-PF4 stimulates 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 human synovial cells. NAP-2 is a ligand for CXCR1, CXCR2, NAP-2. NAP-2 (73), NAP-2 (74), NAP-2 (1-66), and most potent NAP-2 (1-63) are chemo-attractants and activators for neutrophils. TC-1 and TC-2 are antibacterial proteins. in vitro released from activated platelet alpha-granules. CTAP-III(1-81) is more potent than CTAP-III desensitize chemokine-induced neutrophil activation.

NCBI Accession number: NP\_002695.1

Swiss Prot Accession number: P02775

Gene Information: Human .. PPBP (5473)

Immunogen: Recombinant protein Pro-platelet basic protein

Immunogen Sequence: GI # 4505981, sequence 50 - 96

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at  $2-8\text{ }^{\circ}\text{C}$  for up to one week. For extended storage, store in  $-20\text{ }^{\circ}\text{C}$  freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

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