003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

PPBP Polyclonal Antibody

Cat #: G-AB-04687

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:** Polyclonal

Overview:
PPBP (Pro-Platelet Basic Protein) is a Protein Coding gene. Diseases associated with PPBP include Erythromelalgia and Colloid Adenoma. Among its related pathways are GPCR Pathway and Peptide ligand-binding receptors. GO annotations related to this gene include growth factor activity and glucose transmembrane transporter activity. An important paralog of this gene is CXCL1. 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. The protein also is an antimicrobial protein with bactericidal and antifungal activity.

Gene ID:

Accession #: NP002695

Immunogen: Synthetic peptide of human PPBP

Conjugation: Unconjugated

Swissprot: P02775

Calculated Molecular Weight: 14 kDa

Observed Molecular Weight: Refer to figures

Concentration: 0.8 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:1000-1:5000, IHC 1:25-1:100, ELISA 1:2000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.