

产品名称: PBP Rabbit Polyclonal Antibody
产品货号: AP Rab15807



产品概述 (Summary)

产品名称 (Production Name)	PBP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PPBP Platelet basic protein (PBP; C-X-C motif chemokine 7; Leukocyte-derived growth factor; LDGF; Macrophage-derived growth factor; MDGF; Small-inducible cytokine B7) [Cleaved into: Connective tissue-activating peptide III (CTAP-III; LA-PF4; Low-affinity platelet factor IV); TC-2; Connective tissue-activating peptide III(1-81; CTAP-III(1-81)); Beta-thromboglobulin (Beta-TG); Neutrophil-activating peptide 2(74; NAP-2(74)); Neutrophil-activating peptide 2(73; NAP-2(73)); Neutrophil-activating peptide 2 (NAP-2); TC-1; Neutrophil-activating peptide 2(1-66; NAP-2(1-66)); Neutrophil-activating peptide 2(1-63; NAP-2(1-63))]
别名 (Alternative Names)	
基因 ID (Gene ID)	5473.0
蛋白 ID (SwissProt ID)	P02775.Synthetic peptide from human protein at AA range: 71-120

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产品应用 (Application)

稀释比 (Dilution Ratio)

IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000

蛋白分子量 (Molecular Weight)

研究背景 (Background)

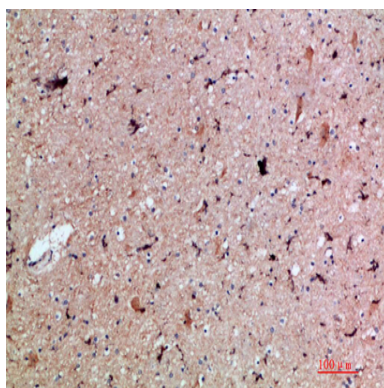
The protein encoded by this gene is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. It has been shown to stimulate various cellular processes including DNA synthesis, mitosis, glycolysis, intracellular 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. [provided by RefSeq, Nov 2014], function: 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 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. 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., online information: CXCL7 entry, PTM: NAP-2(1-66) is produced by proteolytical processing, probably after secretion by leukocytes other than neutrophils., PTM: NAP-2(73) and NAP-2(74) seem not be produced by proteolytical processing of secreted precursors but are released in an active form from platelets., PTM: Proteolytic removal of residues 1-13 produces the active peptide beta-thromboglobulin, which is released from platelets along with platelet factor 4 and platelet-derived growth factor., PTM: Proteolytic removal of residues 1-9 produces the active peptide connective tissue-activating peptide III (CTAP-III) (low-affinity platelet factor IV (LA-PF4))., similarity: Belongs to the intercrine alpha (chemokine CxC) family., subunit: Beta-thromboglobulin is a homotetramer.,

研究领域 (Research Area)

Cytokine-cytokine receptor interaction; Chemokine;

图片 (Image Data)

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Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

注意事项 (Note)

For research use only .