

Rabbit anti-Human PPBP Polyclonal Antibody | anti-PPBP antibody

PPBP Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175672	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

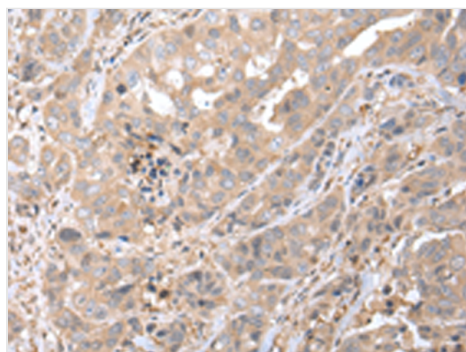
PRODUCT SYNONYMS

PPBP; Polyclonal Antibody; PPBP Polyclonal Antibody; B TG1; Beta TG; Beta thromboglobulin; Beta-TG; C-X-C motif chemokine 7; Chemokine (C X C motif) ligand 7; Connective tissue activating peptide III; CTAP 3; CTAP III; CTAP-III; CTAP-III(1-81); CTAP3; CTAPIII; CXC chemokine ligand 7; CXCL 7; CXCL7; LA PF 4; LA-PF4; LDGF; Leukocyte derived growth factor; Leukocyte-derived growth factor; Low-affinity platelet factor IV; Macrophage-derived growth factor; MDGF; NAP 2; NAP-2; NAP-2(1-63); NAP-2(1-66); NAP-2(73); NAP-2(74); Neutrophil activating peptide 2; Neutrophil-activating peptide 2(1-63); PBP; Platelet basic protein; Pro platelet basic protein (chemokine (C-X-C motif) ligand 7); Pro platelet basic protein; SCYB7; Small inducible cytokine subfamily B member 7; Small-inducible cytokine B7; TC1; TC2; TGB; TGB1; THBGB; THBGB1; Thrombocidin 1; Thrombocidin 2; Thromboglobulin; Beta-1; anti-PPBP antibody

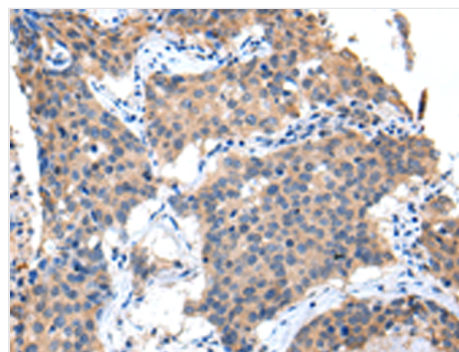
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.8mg/mL (varies by lot)
Sequence Length	128
Applicable Applications for anti-PPBP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human PPBP
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

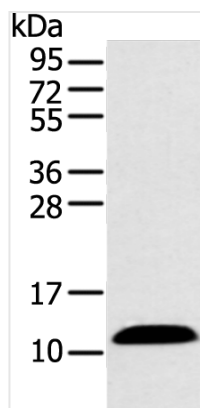
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using PPBP Polyclonal Antibody at dilution of 1:35(×200)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PPBP Polyclonal Antibody at dilution of 1:35(×200)



WB (Western Blot)

Western blot analysis of Human plasma solution using PPBP Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-PPBP antibody

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.

Product Categories/Family for anti-PPBP antibody

[Cardiovascular](#); [Immunology](#); [Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	129874
NCBI GeneID	5473
UniProt Accession #	P02775
Molecular Weight	14 kDa
NCBI Official Full Name	Platelet basic protein
NCBI Official Synonym Full Names	pro-platelet basic protein
NCBI Official Symbol	PPBP
NCBI Official Synonym Symbols	PBP; TC1; TC2; TGB; LDGF; MDGF; TGB1; B-TG1; CTAP3; CXCL7; NAP-2; SCYB7; THBGB; LA-PF4; THBGB1; Beta-TG; CTAPIII; CTAP-III
NCBI Protein Information	platelet basic protein
UniProt Protein Name	Platelet basic protein
UniProt Gene Name	PPBP
UniProt Synonym Gene Names	CTAP3; CXCL7; SCYB7; TGB1; THBGB1; PBP; LDGF; MDGF; CTAP-III; CTAP-III(1-81); Beta-TG; NAP-2(74); NAP-2(73); NAP-2; NAP-2(1-66); NAP-2(1-63)
UniProt Entry Name	CXCL7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

