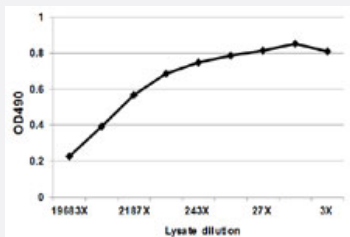


PPBP (Human) Matched Antibody Pair

Catalog # H00005473-AP51

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 19683x to 9x dilution of the PPBP 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human PPBP.
Reactivity	Human
Quality Control Testing	Standard curve using PPBP 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 19683x to 9x dilution of the PPBP 293T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-PPBP, IgG2b Kappa (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-PPBP (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

[Protocol Download](#)

Gene Info — PPBP

Entrez GeneID	5473
Gene Name	PPBP
Gene Alias	B-TG1, Beta-TG, CTAP-III, CTAP3, CTAPIII, CXCL7, LA-PF4, LDGF, MDGF, NAP-2, PBP, SCY B7, TC1, TC2, TGB, TGB1, THBGB, THBGB1
Gene Description	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)
Omim ID	121010
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	CXC chemokine ligand 7 beta-thromboglobulin connective tissue-activating peptide III leukocyte-derived growth factor low-affinity platelet factor IV macrophage-derived growth factor neutrophil-activating peptide 2 neutrophil-activating peptide-2 platelet

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Infant](#)
- [Respiratory Syncytial Virus Infections](#)