



# Anti-PPBP polyclonal antibody [Biotin] (DPABY-694)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Thymus chemokine-1 (TCK-1) is a member of the CXC subfamily of chemokines. Mouse TCK-1 shares 72% amino acid sequence identity with rat TCK-1.
<b>Specificity</b>	Detects mouse CXCL7/Thymus Chemokine-1 in ELISAs and Western blots. In sandwich ELISAs, less than 0.02% cross-reactivity with recombinant rat (rr) TCK-1, rrCINC-3, recombinant human GRO-beta, recombinant mouse (rm) BLC, rmCRG-2/IP-10, and rmMIG is observed.
<b>Immunogen</b>	E. coli-derived recombinant mouse CXCL7/Thymus Chemokine-1. Lys40-Tyr113 Accession Number AAG36786
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None

<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Pbpb pro-platelet basic protein [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	PPBP
<b>Synonyms</b>	PPBP; pro-platelet basic protein; TGB; LDGF; MDGF; TGB1; CTAP3; Cxcl7; NAP-2; Scyb7; b-TG1; LA-PF4; THBGB1; CTAPIII; beta-TG; AI854500; NAP-2-L1; 2400003M24Rik; platelet basic protein; chemokine (C-X-C motif) ligand 7;
<b>Entrez Gene ID</b>	<a href="#">57349</a>
<b>Protein Refseq</b>	<a href="#">NP_076274</a>
<b>UniProt ID</b>	<a href="#">Q9EQI5</a>
<b>Chromosome Location</b>	5 E1; 5
<b>Pathway</b>	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; Hemostasis;
<b>Function</b>	chemokine activity;