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Datasheet for ABIN1513400  
**anti-CXCL7 antibody (AA 31-128)**

2 Images

Overview

Quantity:	100 µg
Target:	CXCL7 (PPBP)
Binding Specificity:	AA 31-128
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 31-128 of human PPBP (NP_002695.1).
Sequence:	TALASSTKGQ TKRNLAGKKE ESLDSDLYAE LRCMCIKTTS GIHPKNIQSL EVIGKGTHCN QVEVIATLKD GRKICLDPDA PRIKKIVQKK LAGDESAD
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	CXCL7 (PPBP)
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## Target Details

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Alternative Name: [PPBP \(PPBP Products\)](#)

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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.,PPBP,B-TG1,Beta-TG,CTAP-III,CTAP3,CTAPIII,CXCL7,LA-PF4,LDGF,MDGF,NAP-2,PBP,SCYB7,TC1,TC2,TGB,TGB1,THBGB,THBGB1,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Immunology & Inflammation,Cytokines,Cell Intrinsic Innate Immunity Signaling Pathway,Chemokines,Chemokine,Cardiovascular,Blood,PPBP

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Molecular Weight: 13 kDa

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Gene ID: 5473

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UniProt: [P02775](#)

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## Application Details

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Application Notes: WB,1:500 - 1:1000

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: Avoid freeze / thaw cycles

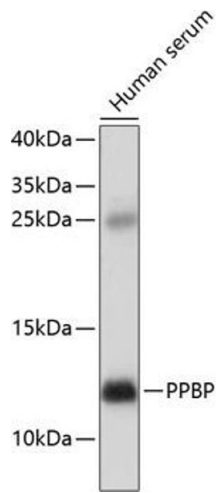
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Storage: -20 °C

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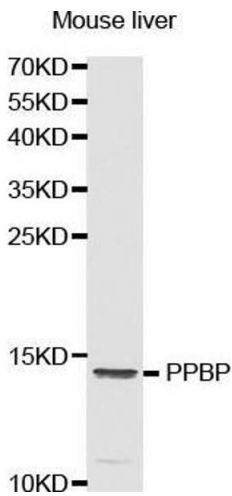
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

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### Western Blotting

**Image 1.** Western blot analysis of extracts of human serum, using PPBP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5 min.



### Western Blotting

**Image 2.**