

Datasheet for ABIN116187 **anti-CXCL7 antibody**

[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CXCL7 (PPBP)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL7 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Functional Studies (Func)

Product Details

Immunogen:	Highly pure (>98%) E.coli derived recombinant Human NAP-2.
Specificity:	This antibody reacts with Human Neutrophil Activating Protein-2 (hNAP-2).
Purification:	Affinity Chromatography using an immobilized Human NAP-2 matrix

Target Details

Target:	CXCL7 (PPBP)
Alternative Name:	NAP2 / PPBP / CXCL7 (PPBP Products)
Background:	NAP2 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 sythesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by

Target Details

	synovial cells.Synonyms: C-X-C motif chemokine 7, CTAP3, Leukocyte-derived growth factor, Macrophage-derived growth factor, SCYB7, Small-inducible cytokine B7, TGB1, THBGB1
Gene ID:	5473
NCBI Accession:	NP_002695
UniProt:	P02775

Application Details

Application Notes:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hNAP-2 (50.0 ng/mL), a concentration of 1.75-3.0 µg/mL of this antibody is required. ELISA: To detect hNAP-2 by direct ELISA (using 100 l/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of recombinant hNAP-2. Western Blot: To detect hNAP-2 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNAP-2 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in sterile water to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS, pH 7.2 without preservatives
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing. Centrifuge vial prior to opening!
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody prior to reconstitution at -20 °C. Following reconstitution the antibody can be stored at 2-8 °C for one month or at -20 °C for longer.