Datasheet for ABIN181564

anti-CXCL7 antibody

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Overview

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

Product Details

Immunogen:	Highly pure (> 98 %) recombinant human NAP-2
Specificity:	This antibody detects NAP-2.
Purification:	Immunoaffinity chromatography

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:	ELISA: Indirect: To detect hNAP-2 by indirect ELISA (using 100 µL/well antibody solution) aconcentration of 0.5 - 2.0 µg/mL is required. In conjunction with compatible secondaryreagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNAP-2. Sandwich: To detect hNAP-2 by sandwich ELISA (using 100 µL/well antibody solution) aconcentration of 0.5 - 2.0 µg/mL is required. In conjunction with Biotinylated Anti-HumanNAP-2 as a detection antibody, it allows the detection of at least 0.2 - 0.4 ng/well ofrecombinant hNAP-2. Western Blot: To detect hNAP-2 by Western Blot analysis this antibody can be used at aconcentration of 0.1 - 0.2 µg/mL. Used in conjunction with compatible secondary reagentsthe detection limit for recombinant hNAP-2 is 1 - 3.0 ng/lane, under either reducing ornon-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:	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1 - 1.0 mg/mL.
Buffer:	PBS, pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the lyophilized antibody at -20 °C. Following reconstitution it is stable for two weeks at 2 - 8 °C. Frozen aliquots are stable for 6 months when stored at -20 °C.
Expiry Date:	6 months