

Datasheet for ABIN5687597
anti-CXCL7 antibody (Biotin)



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Overview

Quantity:	0.05 mg
Target:	CXCL7 (PPBP)
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CXCL7 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hNAP-2 (human NAP-2).
Purification:	Anti-hNAP-2 specific antibody was purified by affinity chromatography and then biotinylated.

Target Details

Target:	CXCL7 (PPBP)
Alternative Name:	NAP-2 (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.

Gene ID: 5473

UniProt: [P02775](#)

Application Details

Application Notes: ELISA:

To detect hNAP-2 by direct ELISA (using 100 µL/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µg/mL. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hNAP-2.

Sandwich:

To detect hNAP-2 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25 - 1.0 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our Polyclonal Anti-Human NAP-2 (XP-5245) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well 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.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: -20 °C

Storage Comment: NAP-2 antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.