

anti-Human NAP2 Polyclonal Antibody | anti-NAP2 antibody

Anti-NAP2 Antibody

CATALOG # AAA46219	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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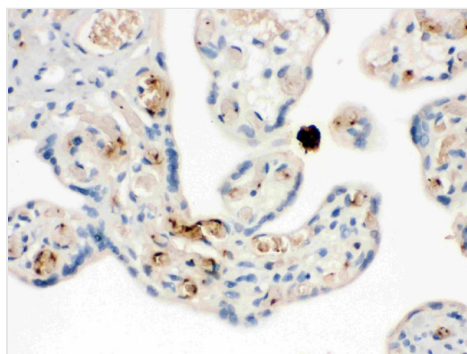
PRODUCT SYNONYMS

NAP2; Polyclonal Antibody; Anti-NAP2 Antibody; Platelet basic protein; B TG1; Beta TG; Beta thromboglobulin; Beta-TG; C-X-C motif chemokine 7; Chemokine (C X C motif) ligand 7; Connective tissue activating peptide III; CTAP 3; CTAP III; CTAP-III; CTAP-III(1-81); CTAP3; CTAPIII; CXC chemokine ligand 7; CXCL 7; CXCL7; CXCL7_HUMAN; LA PF 4; LA-PF4; LDGF; Leukocyte derived growth factor; Leukocyte-derived growth factor; Low-affinity platelet factor IV; Macrophage-derived growth factor; MDGF; NAP 2; NAP-2; NAP-2(1-63); NAP-2(1-66); NAP-2(73); NAP-2(74); Neutrophil activating peptide 2; Neutrophil-activating peptide 2(1-63); PBP; PPBP; Pro platelet basic protein (chemokine (C-X-C motif) ligand 7); Pro platelet basic protein; SCYB7; Small inducible cytokine subfamily B member 7; Small-inducible cytokine B7; TC1; TC2; TGB; TGB1; THBGB; THBGB1; Thrombocidin 1; Thrombocidin 2; Thromboglobulin; beta-1; pro-platelet basic protein; anti-NAP2 antibody

PRODUCT SPECIFICATIONS

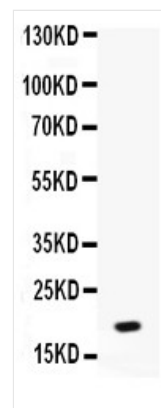
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	128
Applicable Applications for anti-NAP2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived humn NAP2 recombinant protein (Position: S55-D128).
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

NAP2 was detected in paraffin-embedded sections of human placenta tissues using rabbit anti- NAP2 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of NAP2 expression in MCF-7 whole cell lysates (lane 1). NAP2 at 19KD was detected using rabbit anti- NAP2 Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-NAP2 antibody	Description: Rabbit IgG polyclonal antibody for Platelet basic protein(PPBP) detection. Tested with WB, IHC-P, ELISA in Human. Background: Chemokine (C-X-C motif) ligand 7 (CXCL7), also known as NAP2 or Pro-Platelet basic protein (PPBP), is a human gene. 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. Furthermore, the protein is an antimicrobial protein with bactericidal and antifungal activity.
References	1. "Entrez Gene: PPBP pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)". 2. Hristov M, Zernecke A, Bidzhekov K; et al. (March 2007). "Importance of CXC chemokine receptor 2 in the homing of human peripheral blood endothelial progenitor cells to sites of arterial injury".Circ. Res. 100 (4): 590-7. 3. Majumdar S, Gonder D, Koutsis B, Poncz M (1991). "Characterization of the human beta-thromboglobulin gene. Comparison with the gene for platelet factor 4". J Biol Chem 266 (9): 5785-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505981
NCBI GeneID	5473
NCBI Accession #	NP_002695.1
NCBI GenBank Nucleotide #	NM_002704.3
UniProt Accession #	P02775; Q6IBJ8; B2R5F3; AAB46877
Molecular Weight	13,894 Da
NCBI Official Full Name	platelet basic protein preproprotein
NCBI Official Synonym Full Names	pro-platelet basic protein
NCBI Official Symbol	PPBP
NCBI Official Synonym Symbols	PBP; TC1; TC2; TGB; LDGF; MDGF; TGB1; B-TG1; CTAP3; CXCL7; NAP-2; SCYB7; THBGB; LA-PF4; THBGB1; Beta-TG; CTAPIII; CTAP-III
NCBI Protein Information	platelet basic protein
UniProt Protein Name	Platelet basic protein
UniProt Gene Name	PPBP
UniProt Synonym Gene Names	CTAP3; CXCL7; SCYB7; TGB1; THBGB1; PBP; LDGF; MDGF; CTAP-III; CTAP-III(1-81); Beta-TG; NAP-2(74); NAP-2(73); NAP-2; NAP-2(1-66); NAP-2(1-63)
UniProt Entry Name	CXCL7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nap2-antibody-immunohistochemistry-western-blot-elisa/46219>