

Rabbit anti-Human, Mouse Azurocidinx Polyclonal Antibody | anti-AZU1 antibody

Rabbit anti-human Azurocidin polyclonal Antibody(AZU1)

CATALOG # AAA119652	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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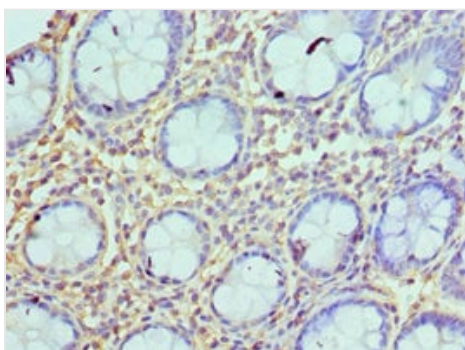
PRODUCT SYNONYMS

Azurocidinx; Polyclonal Antibody; Rabbit anti-human Azurocidin polyclonal Antibody(AZU1); Cationic antimicrobial protein CAP37; Heparin-binding protein; HBP; AZU1; anti-AZU1 antibody

PRODUCT SPECIFICATIONS

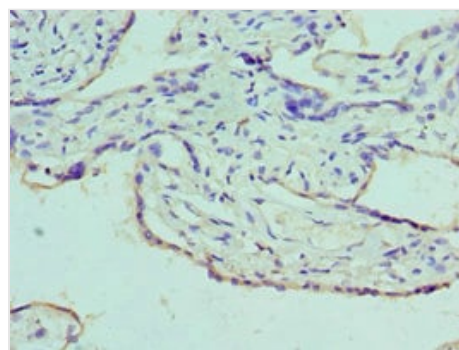
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	251
Applicable Applications for anti-AZU1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Azurocidin protein (27-251aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20293 / sc-33129
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



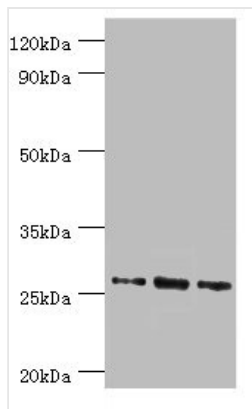
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human rectum using AAA119652 at dilution 1:100



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA119652 at dilution 1:100



WB (Western Blot)

All lanes: Azurocidin antibody at 1ug/ml
 Lane 1: 293T whole cell lysate
 Lane 2: mouse spleen tissue
 Lane 3: mouse thymus tissue
 Secondary: Goat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 27kDa
 Observed band size: 27kDa

ADDITIONAL INFORMATION

Related Product Information for anti-AZU1 antibody	This is a neutrophil granule-derived antibacterial and monocyte- and fibroblast-specific chemotactic glycoprotein. Binds heparin. The cytotoxic action is limited to many species of Gram-negative bacteria; this specificity may be explained by a strong affinity of the very basic N-terminal half for the negatively charged lipopolysaccharides that are unique to the Gram-negative bacterial outer envelope. It may play a role in mediating recruitment of monocytes in the second wave of inflammation. Has antibacterial activity against the Gram-negative bacterium <i>P.aeruginosa</i>, this activity is inhibited by LPS from <i>P.aeruginosa</i>. Acting alone, it does not have antimicrobial activity against the Gram-negative bacteria <i>A.actinomycetemcomitans</i> 29532, <i>A.actinomycetemcomitans</i> 9709, <i>A.actinomycetemcomitans</i> FDC-Y4, <i>H.aphrophilus</i> 13252, <i>E.corrodens</i> 23834, <i>C.sputigena</i> 33123, <i>Capnocytophaga</i> sp 33124, <i>Capnocytophaga</i> sp 27872 or <i>E Coli</i> ML-35. Has antibacterial activity against <i>C.sputigena</i> 33123 when acting synergistically with either elastase or cathepsin G.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11342670
NCBI GeneID	566
NCBI Accession #	NP_001691.1
NCBI GenBank Nucleotide #	NM_001700.4
UniProt Accession #	P20160; P80014; Q52LG4; Q9UCM1; Q9UCT5
Molecular Weight	26,886 Da
NCBI Official Full Name	azurocidin preproprotein
NCBI Official Synonym Full Names	azurocidin 1
NCBI Official Symbol	AZU1
NCBI Official Synonym Symbols	AZU; HBP; NAZC; hHBP; AZAMP; CAP37; HUMAZUR
NCBI Protein Information	azurocidin
UniProt Protein Name	Azurocidin
UniProt Gene Name	AZU1
UniProt Synonym Gene Names	hHBP
UniProt Entry Name	CAP7_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/azurocidinx-antibody-immunohistochemistry-western-blot-elisa/119652>