

DNAxPAb

Hard-to-Find
Antibody

AZU1 DNAxPab

Catalog # H00000566-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AZU1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTRLTVLALLAGLLASSRAGSSPLLDVGGRKARPRQFPFLASIQNQGRHFCGGALIHARFVMTAA SCFQSQNPGVSTVVLGAYDLRRRERQSRQTFSISSMSENGYDPQQNLNDLMLLQLDREANLTSS VTILPLPLQNATVEAGTRCQVAGWGSQSRSGGRLSRFPRFVNVTVPEDQCRPNNVCTGVLTRRG GICNGDGGTPLVCEGLAHGVASFSLGPCGRGPDDFFTRVALFRDWIDGVLNNPGPGPA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — AZU1

Entrez GeneID [566](#)**GeneBank Accession#** [NM_001700.3](#)**Protein Accession#** [NP_001691.1](#)**Gene Name** AZU1**Gene Alias** AZAMP, AZU, CAP37, HBP, HUMAZUR, NAZC**Gene Description** azurocidin 1**Omim ID** [162815](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Azurophil granules, specialized lysosomes of the neutrophil, contain at least 10 proteins implicated in the killing of microorganisms. The protein encoded by this gene is an azurophil granule antibiotic protein, with monocyte chemotactic and antibacterial activity. It is also an important multifunctional inflammatory mediator. This encoded protein is a member of the serine protease gene family but it is not a serine proteinase, because the active site serine and histidine residues are replaced. The genes encoding this protein, neutrophil elastase 2, and proteinase 3 are in a cluster located at chromosome 19pter. All 3 genes are expressed coordinately and their protein products are packaged together into azurophil granules during neutrophil differentiation. [provided by RefSeq]

Other Designations cationic antimicrobial protein 37|heparin-binding protein|neutrophil azurocidin

Disease

- [HIV Infections](#)