

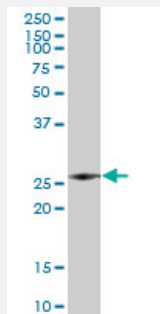
MaxPab®

AZU1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000566-B01P

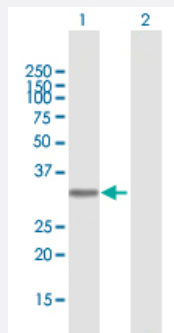
Size 50 ug

Applications



Western Blot (Tissue lysate)

AZU1 MaxPab polyclonal antibody. Western Blot analysis of AZU1 expression in human spleen.

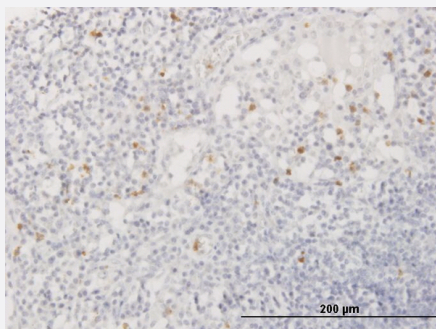


Western Blot (Transfected lysate)

Western Blot analysis of AZU1 expression in transfected 293T cell line ([H00000566-T01](#)) by AZU1 MaxPab polyclonal antibody.

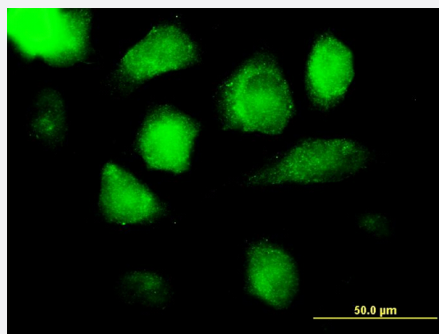
Lane 1: AZU1 transfected lysate(27.61 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to AZU1 on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to AZU1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human AZU1 protein.
Immunogen	AZU1 (NP_001691.1, 1 a.a. ~ 251 a.a) full-length human protein.
Sequence	MTRLTVLALLAGLLASSRAGSSPLLDVGGKARPRQFPFLASIQNQGRHFCGGALIHARFVMTAA SCFQSQNPQVSTVVLGAYDLRRRERQSRQTFSISSMSENGYDPQQNLNDLMLLQLDREANLTSS VTILPLPLQNATVEAGTRCQVAGWGSQSRSGGRLSRFPRFVNVVTPEDQCRPNNVCTGVLTRRG GICNGDGGTPLVCEGLAHGVASFSLGPCGRGPDDFFTRVALFRDWIDGVLNNPGPGPA
Host	Mouse
Reactivity	Human
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

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[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to AZU1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — AZU1

Entrez GeneID [566](#)

GeneBank Accession# [NM_001700](#)

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](#)