



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AZU1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00000566-B01P

規格 : [50 ug]

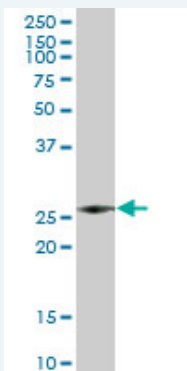
[List All](#)

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:	MTRLTVLALLAGLLASSRAGSSPLLDIVGGRKARPRQFPFLASIQNQGR HFCGGALIHARFVMTAASCFQSQNPGVSTVVLGAYDLRRRERQSRQTF SISMSSENGYDPQQNLNDLMLLQLDREANLTSSVTILPLQATVEAGT RCQVAGWGSQRSRSGRSLRFRPFVNVTVTPEDQCRPNNVCTGVLTRR GGICNGDGGTPLVCEGLAHGVASFSLGPCGRGPDFFTRVALFRDWIDG VLNNPGPGPA
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.
MSDS:	 Download
Datasheet:	 Download

Applications

Western Blot (Tissue lysate)



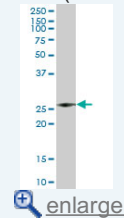
AZU1 MaxPab polyclonal antibody. Western Blot analysis of AZU1 expression in human spleen.

 [Protocol Download](#)

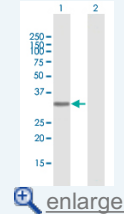
Western Blot (Transfected lysate)

Application Image

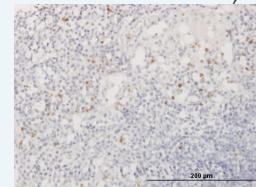
Western Blot (Tissue lysate)



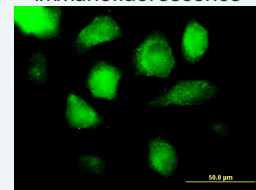
Western Blot (Transfected lysate)

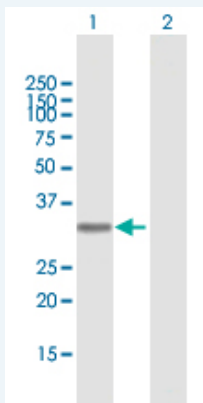


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Immunofluorescence



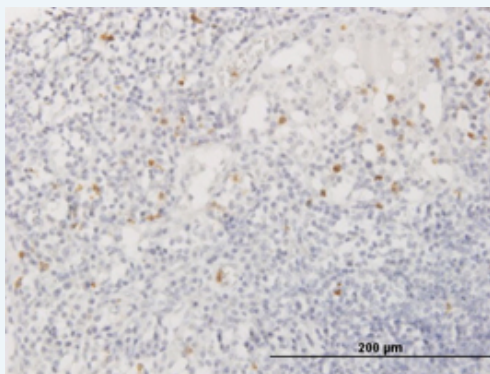


Western Blot analysis of AZU1 expression in transfected 293T cell line (H00000566-T01) by AZU1 MaxPab polyclonal antibody.

Lane 1: AZU1 transfected lysate(27.61 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

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

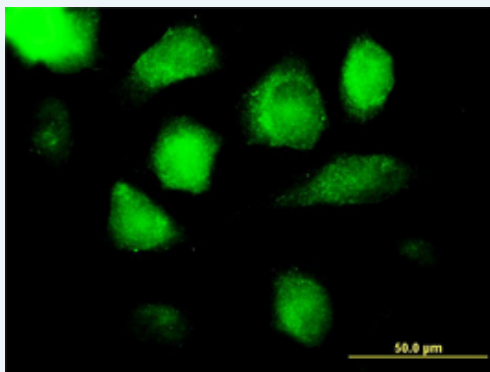


[enlarge this image](#)

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

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Immunofluorescence



[enlarge this image](#)

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

[Protocol Download](#)

Gene Information

Entrez GeneID: [566](#)

GeneBank [NM_001700](#)

Accession#:

Protein [NP_001691.1](#)

Accession#:

Gene Name: AZU1

Gene Alias: AZAMP,AZU,CAP37,HBP,HUMAZUR,NAZC

Gene azurocidin 1

Description:

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

Related Disease

[HIV Infections](#)