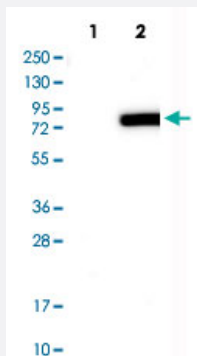


PADI4 polyclonal antibody

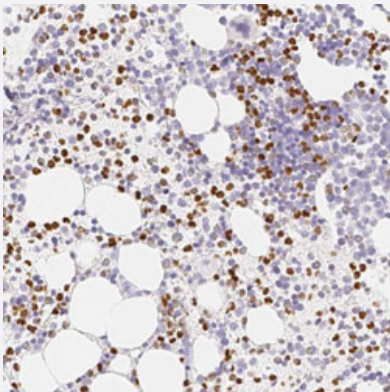
Catalog # PAB31520 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with PADI4 polyclonal antibody (Cat # PAB31520).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bone marrow with PADI4 polyclonal antibody (Cat # PAB31520) shows strong cytoplasmic and nuclear positivity in subset of hematopoietic cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PADI4.
Immunogen	Recombinant protein corresponding to human PADI4.
Sequence	CEDDEVLDSEDLQDMSLMTLSTKTPKDFFTNHTLVLHVARSEMDKVRVFQATRGKLSSKCSVVL GPKWPSHYLMVPGGKHNMDFYVEALAFPDTFPGLITLTISLLD
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — PADI4

Entrez GeneID	23569
Protein Accession#	Q9UM07
Gene Name	PADI4
Gene Alias	PAD, PAD4, PADI5, PD4, PD5
Gene Description	peptidyl arginine deiminase, type IV
Omim ID	180300 605347
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of a gene family which encodes enzymes responsible for the conversion of arginine residues to citrulline residues. This gene may play a role in granulocyte and macrophage development leading to inflammation and immune response. [provided by RefSeq]

Other Designations

HL-60 PAD|OTTHUMP00000002482|PADI-H protein|peptidyl arginine deiminase, type V|protein-arginine deiminase

Disease

- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Carcinoma](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
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