

**Product Name: Padi4 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe87825**



## Summary

<b>Production Name</b>	Padi4 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, IHC-P
<b>Reactivity</b>	Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	Padi4
<b>Alternative Names</b>	Pad4; Pdi4
<b>Gene ID</b>	18602, 29512
<b>SwissProt ID</b>	Q9Z183, O88807.

## Application

<b>Dilution Ratio</b>	WB: 1:1000 IHC-P: 1:200-1:1000
<b>Molecular Weight</b>	Calculated MW:74 kDa; Observed MW:74 kDa

## Background

Enables protein-arginine deiminase activity. Involved in histone citrullination; nucleosome assembly; and stem cell

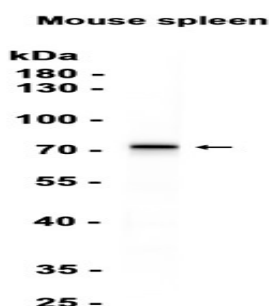
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population maintenance. Predicted to be part of protein-containing complex. Predicted to be active in cytoplasm and nucleus. Is expressed in blastocyst; early embryo; and oocyte. Orthologous to human PADI4 (peptidyl arginine deiminase 4). [provided by Alliance of Genome Resources, Apr 2022]

## Research Area

## Image Data



Western blot analysis of extracts from Mouse spleen tissue using AMRe87825 at 1:1000.

## Note

For research use only.