

A16188

Leader in Biomolecular Solutions for Life Science



PADI4 Rabbit pAb

Catalog No.: A16188

3 Publications

Basic Information

Observed MW

Refer to figures

Calculated MW

74kDa

Category

Mouse Monoclonal Antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

23569

Swiss Prot

Q9UM07

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 374-560 of human PADI4 (NP_036519.2).

Synonyms

PAD; PAD4; PDI4; PDI5; PADI5; PADI4

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

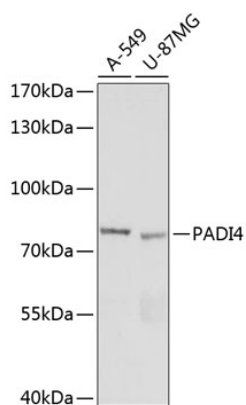
Affinity purification

Storage

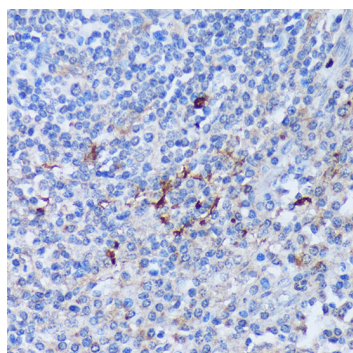
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

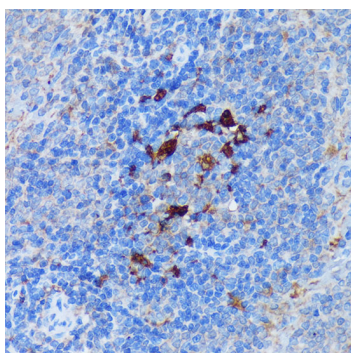
Validation Data



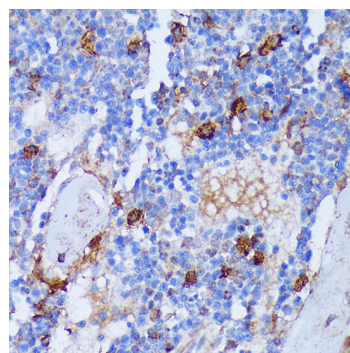
Western blot analysis of various lysates using PADI4 Rabbit pAb (A16188) at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 90s.



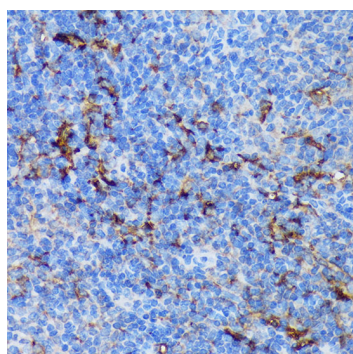
Immunohistochemistry analysis of PADI4 in paraffin-embedded Human tonsil using PADI4 Rabbit pAb (A16188) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of PADI4 in paraffin-embedded Rat spleen using PADI4 Rabbit pAb (A16188) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of PADI4 in paraffin-embedded Rat bone marrow using PADI4 Rabbit pAb (A16188) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of PADI4 in paraffin-embedded Mouse spleen using PADI4 Rabbit pAb (A16188) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.