PADI4 Polyclonal Antibody

catalog number: **E-AB-66716**

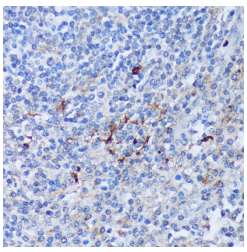
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

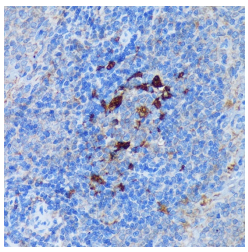
Reactivity	Human;Mouse
Immunogen	Recombinant fusion protein of human PADI4 (NP_036519.2)
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

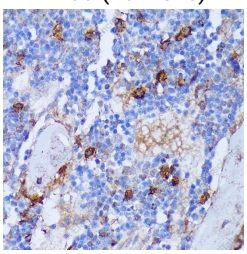
Data



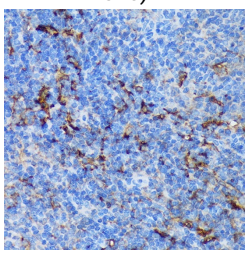
Immunohistochemistry of paraffin-embedded Human tonsil using PADI4 Polyclonal Antibody at dilution of 1:100 (40x lens).



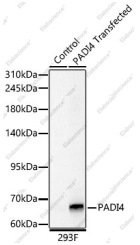
Immunohistochemistry of paraffin-embedded Rat spleen using PADI4 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Rat bone marrow using PADI4 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse spleen using PADI4 Polyclonal Antibody at dilution of 1:100 (40x lens).



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with PADI4 using PADI4 Rabbit pAb (A25102) at 1:1000 dilution. |Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.|Lysates/proteins: 25 µg per lane.|Blocking buffer: 3% nonfat dry milk in TBST.| Detection: ECL Basic Kit (RM00020).|Exposure time: 90s.

Observed-MW:Refer to figures

Calculated-MW:74 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

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