

Anti-PADI4 antibody (374-560) (STJ118628)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

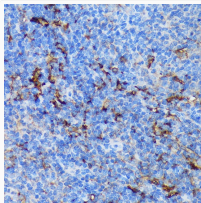
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 74kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

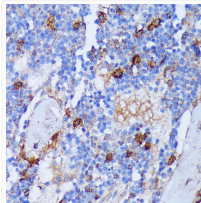
Gene ID	23569
Gene Symbol	PADI4
UniProt ID	PADI4_HUMAN
Immunogen Region	374-560
Immunogen Sequence	VFRVAPWIMPTNTQPPQEVY ACSIFENEDFLKSVTTLAMK AKCKLTICPEEENMDDQWMQ DEMEIGYIQAPHKTLPVVFD SPRNRGLKEFPIKRVMGPDF GYVTRGPTGGISGLDSFGN LEVSPVTVRGKEYPLGRIL FGDSCYPSNDSRQMHQALQD FLSAQVQAPVKLYSDWLSV GHVDFLSFVPAPDRKGFRL LLASPRSCYKLFQEQQNEGH GEALLFEGIKKKKQKIKN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 290-663 of human PADI4 (NP_036519.2).

ADDITIONAL INFORMATION

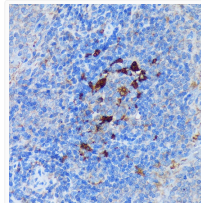
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



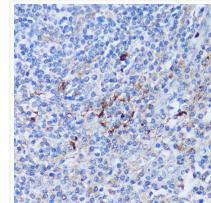
Immunohistochemistry analysis of PADI4 in paraffin-embedded Mouse spleen using PADI4 Rabbit polyclonal antibody (STJ118628) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



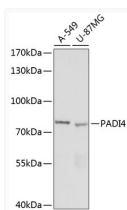
Immunohistochemistry analysis of PADI4 in paraffin-embedded Rat bone marrow using PADI4 Rabbit polyclonal antibody (STJ118628) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of PADI4 in paraffin-embedded Rat spleen using PADI4 Rabbit polyclonal antibody (STJ118628) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of PADI4 in paraffin-embedded Human tonsil using PADI4 Rabbit polyclonal antibody (STJ118628) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using PADI4 Rabbit polyclonal antibody (STJ118628) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.