

Anti-PADI4 antibody (290-663) (STJ24885)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

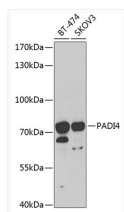
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:20-1:50 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 74kDa Observed Mw: 74kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

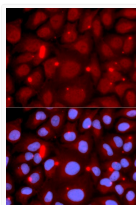
Gene ID	23569
Gene Symbol	PADI4
UniProt ID	PADI4_HUMAN
Immunogen Region	290-663
Immunogen Sequence	VFRVAPWIMPTNPQPPQEVY ACSIFENEDFLKSVTTLAMK AKCKLTICPEEENMDDQWMQ DEMEIGYIQAPHKTLPPVVD SPRNRGLKEFPIKRVMPDF GYVTRGPQTGGISGLDSFGN LEVSPPVTVRGKEYPLGRIL FGDSCYPSNDSRQMHQALQD FLSAQVQAPVKLYSDWLSV GHVDEFLSFVPAPDRKGFRL 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.



Western blot analysis of various lysates using PADI4 Rabbit pAb (STJ24885) at 1:1000 dilution. Secondary antibody: HRP-conjugated 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.



Immunofluorescence analysis of U2OS cells using PADI4 Rabbit pAb (STJ24885). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.