

Product datasheet for **TA332458**

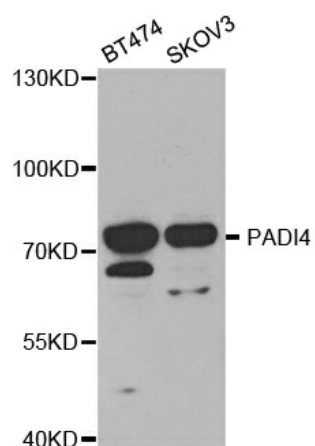
PADI4 Rabbit Polyclonal Antibody

Product data:

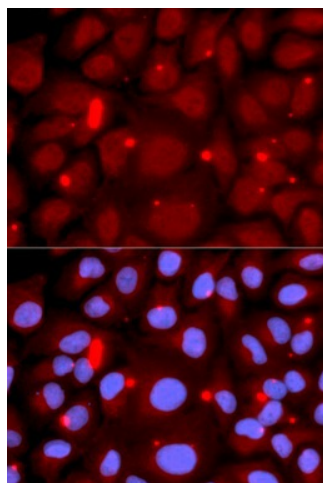
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:100
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human PADI4
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	663
Gene Name:	peptidyl arginine deiminase 4
Database Link:	NP_036519 Entrez Gene 18602 Mouse Entrez Gene 29512 Rat Entrez Gene 23569 Human Q9UM07
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.
Synonyms:	PAD; PAD4; PADI5; PDI4; PDI5



[View online »](#)

Product images:

Western blot analysis of extracts of various cell lines, using PADI4 antibody.



Immunofluorescence analysis of U2OS cell using PADI4 antibody. Blue: DAPI for nuclear staining.