Protein-arginine deiminase type-2 Polyclonal Antibody

Catalog No: #42694

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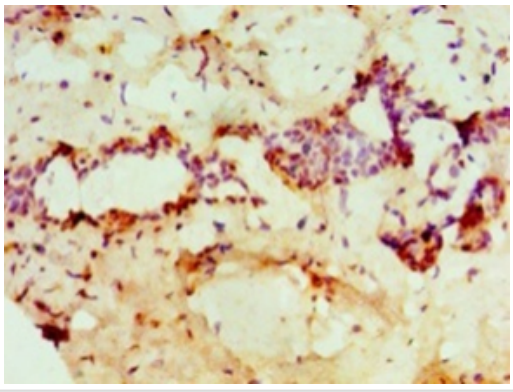
Description

Product Name	Protein-arginine deiminase type-2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Protein-arginine deiminase type-2 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Protein-arginine deiminase type-2 proteinB£B¨1-665aaB£B©
Target Name	Protein-arginine deiminase type-2
Other Names	PAD-H19, Peptidylarginine deiminase II, Protein-arginine deiminase type II
Accession No.	Swiss-Prot#: Q9Y2J8
Uniprot	Q9Y2J8
GeneID	11240;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human breast cancer using #42694 at dilution of 1:100.

Background

Catalyzes the deimination of arginine residues of proteins.

References

[1]The DNA sequence and biological annotation of human chromosome 1. Gregory S.G., Barlow K.F., McLay K.E., Kaul R., Swarbreck D., Dunham A., Scott C.E., Howe K.L., Woodfine K., Spencer C.C.A., Jones M.C., Gillson C., Searle S., Zhou Y., Kokocinski F., McDonald L., Evans R., Phillips K. expand/collapse author list Bentley D.R. Nature 441:315-321(2006). [2]Comparative analysis of the mouse and human peptidylarginine deiminase gene clusters reveals highly conserved non-coding segments and a new human gene, PADI6. Chavanas S., Mechin M.-C., Takahara H., Kawada A., Nachat R., Serre G., Simon M. Gene 330:19-27(2004). [3]Human peptidylarginine deiminase type II: molecular cloning, gene organization, and expression in human skin. Ishigami A., Ohsawa T., Asaga H., Akiyama K., Kuramoto M., Maruyama N. Arch. Biochem. Biophys. 407:25-31(2002).

Note: This product is for in vitro research use only