

Rabbit PADI2 Polyclonal Antibody | anti-PADI2 antibody

PADI2 Antibody

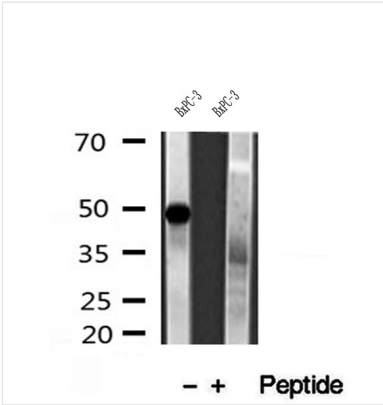
CATALOG # AAA322842	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

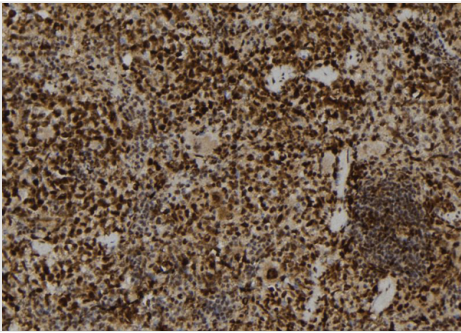
PADI2; Polyclonal Antibody; PADI2 Antibody; KIAA0994; OTTHUMP00000044625; PAD 2; PAD H19; PAD-H19; PAD2; PADI 2; Padi2; PADI2 protein; PADI2_HUMAN; PDI 2; PDI2; Peptidylarginine deiminase type II; Peptidyl arginine deiminase II; Peptidyl arginine deiminase type II; Peptidylarginine deiminase II; Protein arginine deiminase; Protein arginine deiminase type 2; Protein arginine deiminase type II; Protein-arginine deiminase type II; Protein-arginine deiminase type-2; anti-PADI2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PADI2 antibody detects endogenous levels of PADI2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	665
Applicable Applications for anti-PADI2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PADI2.
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts of BxPC-3 cells, using PADI2 antibody.



IHC (Immunohistochemistry)
AAA322842 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PADI2 antibody	Function: Catalyzes the deimination of arginine residues of proteins. Similarity: Belongs to the protein arginine deiminase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122939159
NCBI GeneID	11240
NCBI Accession #	NP_031391.2
NCBI GenBank Nucleotide #	NM_007365.2
UniProt Accession #	Q9Y2J8; Q96DA7; Q9UPN2
Molecular Weight	Observed: 49 kDa; 70-75 kDa Predicted: 76 kDa
NCBI Official Full Name	protein-arginine deiminase type-2
NCBI Official Synonym Full Names	peptidyl arginine deiminase 2
NCBI Official Symbol	PADI2
NCBI Official Synonym Symbols	PAD2; PDI2; PAD-H19
NCBI Protein Information	protein-arginine deiminase type-2
UniProt Protein Name	Protein-arginine deiminase type-2
UniProt Gene Name	PADI2
UniProt Synonym Gene Names	KIAA0994; PAD2; PDI2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.