

Rabbit anti-Human Peptidyl Arginine Deiminase Type IV Polyclonal Antibody | anti-PADI4 antibody

Polyclonal Antibody to Peptidyl Arginine Deiminase Type IV (PADI4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142423	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

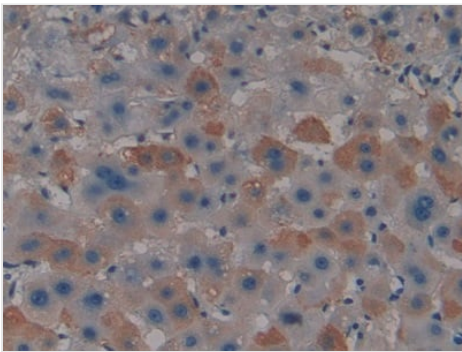
PRODUCT SYNONYMS

Peptidyl Arginine Deiminase Type IV; Polyclonal Antibody; Polyclonal Antibody to Peptidyl Arginine Deiminase Type IV (PADI4); anti-PADI4 antibody

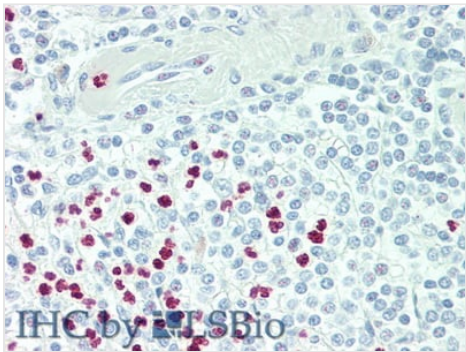
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PADI4. It has been selected for its ability to recognize PADI4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-MAQGTILR VTPEQPTHAV CVLGTLTQLD ICSSAPEDCT SFSINASPGV VVDIAHGPPA KKKSTGSSTW PLDPGVEVTL TMKVASGSTG DQKVQISYYG PKTPPVKALL YLTGVEISLC ADITRTGKVK PTRAVKDQRT WTWGPCGQGA ILLVNCARDN LESSAMDCED DEVLDSDELQ DMSLMTLSTK TPKDFFTNHT LVLHVARSEM DKVRVFQATR GKLSSKCSVV LGPKWPSHYL MVPGGKHNMDFY
Applicable Applications for anti-PADI4 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	PADI4 (Met1~Pro300)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant PADI4 (Met1~Pro300) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

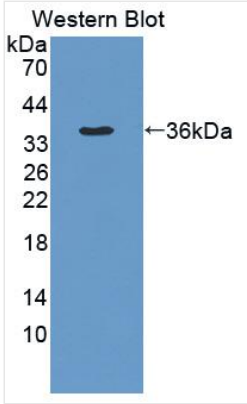
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Liver cancer Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot; Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	216548487
NCBI GeneID	23569
NCBI Accession #	NP_036519.2
NCBI GenBank Nucleotide #	NM_012387.2
UniProt Accession #	Q9UM07; Q5VTZ8; Q70SX4; A8K392; B2RBW0
Molecular Weight	74,079 Da
NCBI Official Full Name	protein-arginine deiminase type-4
NCBI Official Synonym Full Names	peptidyl arginine deiminase 4
NCBI Official Symbol	PADI4
NCBI Official Synonym Symbols	PAD; PAD4; PDI4; PDI5; PADI5
NCBI Protein Information	protein-arginine deiminase type-4
UniProt Protein Name	Protein-arginine deiminase type-4
UniProt Gene Name	PADI4
UniProt Synonym Gene Names	PAD4; PADI5; PDI5

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.

