

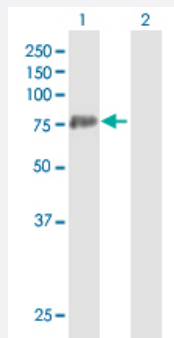
MaxPab®

PADI3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051702-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PADI3 expression in transfected 293T cell line ([H00051702-T01](#)) by PADI3 MaxPab polyclonal antibody.

Lane 1: PADI3 transfected lysate(73.04 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PADI3 protein.

Immunogen

PADI3 (NP_057317.2, 1 a.a. ~ 664 a.a) full-length human protein.

Sequence

MSLQRMVRSLEHPTSAVVCVAGVETLVDIYGSVPEGTEMFEVYGTPGVDIMSPNMERGRERADTR
RWRFDATLEIIVMNSPSNDLNDSHVQISYHSSHEPLPLAYAVLYLTCVDISLDCDLNCEGRQDRN
FVDKRQWVWGPGSGYGILLVNCDDPSCDVQDNCDQHVVHCLQDLEDMSVMVLRTQGPAALF
DDHKLVLHTSSYDAKRAQVFHICGPEDVCEAYRHVLGQDKVSYEVPRLHGDEERFFVEGLSFPD
AGFTGLISFHVTLDDSNEDFSASPIFTDTTVFRVAPWIMTPSTLPPLEVYVCRVRNNTCFVDAVA
ELARKAGCKLTICPQAENRNDRWIQDEMELGYVQAPHKTLPVVFDSPRNGELQDFPYKRILGPDF
GYVTREPRDRSVSGLDSFGNLEVSPPVVANGKEYPLGRILIGGNLPGSSGRRVTQVVRDFLHAQK
VQPPVELFVDWLAVGHVDEFLSFVPAPDGKGFRMLLASPGACFKLFQEKQKCGHGRALLFQGV
VDDEQVKTSINQVLSNKDLINYNKFVQSCIDWNREVLKRELGLAECDIIDIPQLFKTERKKATAFFP
DLVNMMLVLGKHLGIPKPGPIINGCCCLEEKVRSLSLEPLGLHCTFIDDFTPYHMLHGEVHCGTNVC
RKPFSEFKWWNMVP

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (87); Rat (87)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — PADI3

Entrez GeneID	51702
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GeneBank Accession#	NM_016233.1
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Protein Accession#	NP_057317.2
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Gene Name	PADI3
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Gene Alias	MGC126307, MGC126308, PAD3, PDI3
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Gene Description	peptidyl arginine deiminase, type III
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Omim ID	606755
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a member of the peptidyl arginine deiminase family of enzymes, which catalyze the post-translational deimination of proteins by converting arginine residues into citrullines in the presence of calcium ions. The family members have distinct substrate specificities and tissue-specific expression patterns. The type III enzyme modulates hair structural proteins, such as filaggrin in the hair follicle and trichohyalin in the inner root sheath, during hair follicle formation. Together with the type I enzyme, this enzyme may also play a role in terminal differentiation of the epidermis. This gene exists in a cluster with four other paralogous genes. [provided by RefSeq]
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Other Designations	OTTHUMP00000002484 peptidylarginine deiminase type III protein-arginine deiminase type III
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