

Rabbit anti-Human IL-36A Polyclonal Antibody | anti-IL36A antibody

IL-36A Antibody

CATALOG # AAA40644	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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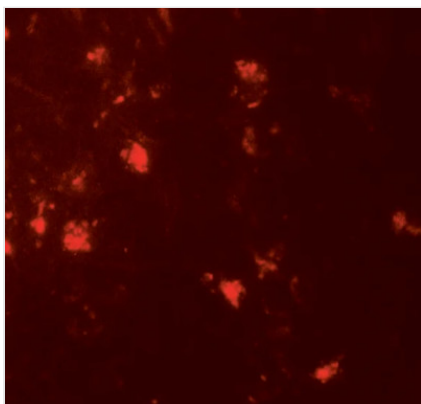
PRODUCT SYNONYMS

IL-36A; Polyclonal Antibody; IL-36A Antibody; FIL1; FIL1E; IL1F6; IL-1F6; IL1(EPSILON); FIL1(EPSILON); IL1E; Interleukin-36 alpha; FIL1 epsilon; IL-1 epsilon; interleukin 36; alpha; anti-IL36A antibody

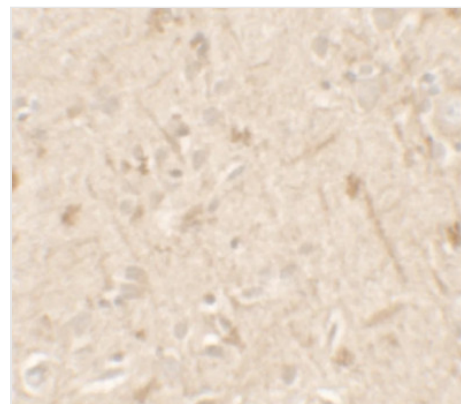
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	IL-36A antibody is human specific. IL-36A antibody will not cross-react with IL-36B or IL-36G.
Purity/Purification	Affinity chromatography purified via peptide column.
Form/Format	Liquid; IL-36A antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	158
Applicable Applications for anti-IL36A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IL-36A antibody was raised against an 11 amino acid peptide near the carboxy terminus of human IL-36A. The immunogen is located within the last 50 amino acids of IL-36A.
Preparation and Storage	IL-36A antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

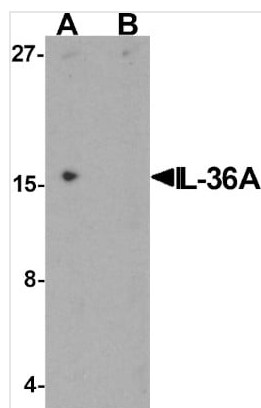
IMAGES


IF (Immunofluorescence)

Immunofluorescence of IL-36A in human brain tissue with IL-36A antibody at 20 &#956;g/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of IL-36A in human brain tissue with IL-36A antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of IL-36A in MCF7 cell lysate with IL-36A antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IL36A antibody

IL-36A is a member of the interleukin 1 cytokine family whose gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2 (1). IL-36A is thought to activate the NF-kappaB pathway through IL-1 receptor family members IL-1RL2 and IL-1RAcP (2). Like the related proteins IL-36B and IL-36G, IL-36A requires post-translational processing for full agonist activity, but the cleavage mechanism is currently unknown (3). The IL-36 cytokines have been suggested to amplify Th1 responses by enhancing proliferation and Th1 polarization of naive CD4+ T cells (4).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657092
NCBI GeneID	27179
NCBI Accession #	NP_055255
NCBI GenBank Nucleotide #	NM_014440.1
UniProt Accession #	Q9UHA7; Q53SR7; Q5BLR4; Q7RTZ8; B2RAD9
Molecular Weight	Predicted: 17 kDa Observed: 16 kDa
NCBI Official Full Name	interleukin-36 alpha
NCBI Official Synonym Full Names	interleukin 36, alpha
NCBI Official Symbol	IL36A
NCBI Official Synonym Symbols	FIL1; FIL1E; IL1F6; IL-1F6; IL1(EPSILON); FIL1(EPSILON)
NCBI Protein Information	interleukin-36 alpha; FIL1 epsilon; IL-1 epsilon; interleukin-1 epsilon; IL-1F6 (FIL-1-epsilon); interleukin 1, epsilon; interleukin-1 family member 6; interleukin 1 family, member 6 (epsilon)
UniProt Protein Name	Interleukin-36 alpha
UniProt Gene Name	IL36A
UniProt Synonym Gene Names	FIL1E; IL1E; IL1F6; IL-1 epsilon; IL-1F6
UniProt Entry Name	IL36A_HUMAN

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.