

Rabbit IL-34 Polyclonal Antibody | anti-IL34 antibody

IL-34 Antibody

CATALOG # AAA39987	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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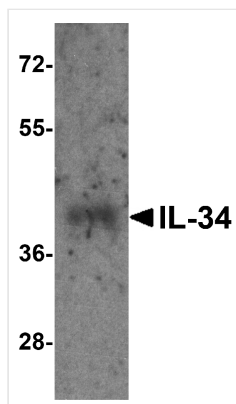
PRODUCT SYNONYMS

IL-34; Polyclonal Antibody; IL-34 Antibody; C16orf77; Interleukin-34; interleukin 34; anti-IL34 antibody

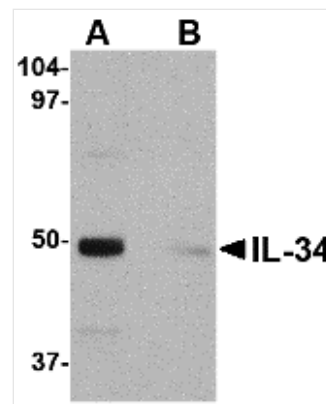
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IL-34 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	241
Applicable Applications for anti-IL34 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IL-34 antibody was raised against a 13 amino acid synthetic peptide from near the center of human IL-34.
Buffer	IL-34 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IL-34 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


WB (Western Blot)

Western blot analysis of 125 ng of recombinant human IL-34 with IL-34 antibody at 1 µg/mL.


WB (Western Blot)

Western blot analysis of IL-34 in human brain tissue lysate with IL-34 antibody at 0.25 µg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IL34 antibody	IL-34 Antibody: Interleukin-34 (IL-34) was identified through a functional screening of a library of secreted proteins after transfection of an embryonic kidney cell line with recombinant cDNAs. Flow cytometry and monocyte viability assays demonstrated increased survival and/or proliferation of monocytes induced by IL-34 and specific binding of IL-34 to CD14+ monocytes. IL-34 is a second ligand to the colony stimulating factor (CSF)-1 receptor in addition to CSF1. Like CSF1, IL-34 stimulates phosphorylation of ERK1 and ERK2 in human monocytes and induces differentiation of bone marrow cells into macrophages.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187610438
NCBI GeneID	146433
UniProt Accession #	Q6ZMJ4; Q8N6L2; B2RC28; B2Z4A8; B2ZC70
Molecular Weight	27,354 Da
NCBI Official Full Name	interleukin 34 isoform 1
NCBI Official Synonym Full Names	interleukin 34
NCBI Official Symbol	IL34
NCBI Official Synonym Symbols	IL-34; C16orf77
NCBI Protein Information	interleukin-34
UniProt Protein Name	Interleukin-34
UniProt Gene Name	IL34
UniProt Synonym Gene Names	C16orf77; IL-34
UniProt Entry Name	IL34_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il-34-antibody-western-blot-elisa/39987>