

Product datasheet for **TA306636**

Interleukin 34 (IL34) Rabbit Polyclonal Antibody

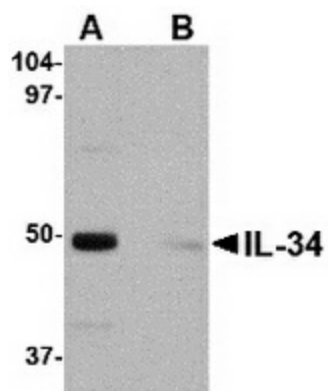
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.25 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	IL-34 antibody was raised against a 13 amino acid peptide from near the center of human IL-34.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 34
Database Link:	ACD13474 Entrez Gene 146433 Human Q6ZMJ4
Background:	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. Despite its predicted molecular weight, IL-34 will often run at higher molecular weight in SDS-PAGE.
Synonyms:	C16orf77; IL-34



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Product images:



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