

IL34 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18473a**Specification**

IL34 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O6ZMJ4
Other Accession	NP_001166242.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27482
Antigen Region	27-53

IL34 Antibody (N-term) - Additional Information**Gene ID** 146433**Other Names**

Interleukin-34, IL-34, IL34, C16orf77

Target/Specificity

This IL34 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-53 amino acids from the N-terminal region of human IL34.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL34 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

IL34 Antibody (N-term) - Protein Information**Name** IL34**Synonyms** C16orf77

Function Cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of pro-inflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1.

Cellular Location
Secreted.

Tissue Location

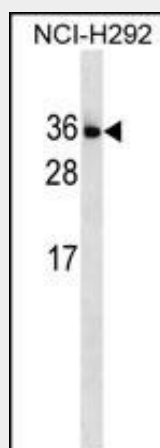
Detected in the sinusoidal epithelium in the red pulp of spleen (at protein level). Predominantly expressed in spleen Also detected in a range of other tissues including heart, brain, lung, liver, kidney, thymus, testis, ovary, small intestine, prostate and colon.

IL34 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL34 Antibody (N-term) - Images



IL34 Antibody (N-term) (Cat. #AP18473a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the IL34 antibody detected the IL34 protein (arrow).

IL34 Antibody (N-term) - Background

Interleukin-34 is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor (CSF1R; MIM 164770) (Lin et al., 2008 [PubMed 18467591]).

IL34 Antibody (N-term) - References

Wei, S., et al. J. Leukoc. Biol. 88(3):495-505(2010)
Lin, H., et al. Science 320(5877):807-811(2008)
Lim, J., et al. Cell 125(4):801-814(2006)