

Rabbit anti-Human, Mouse IL-27 Polyclonal Antibody | anti-IL-27 antibody

IL-27 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305219	Rabbit	Human, Mouse	Immunocytochemistry, Western Blot, ELISA

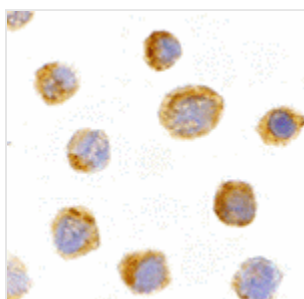
PRODUCT SYNONYMS

IL-27; Polyclonal Antibody; IL-27 Antibody; Interleukin-27; IL-27 p28; anti-IL-27 antibody

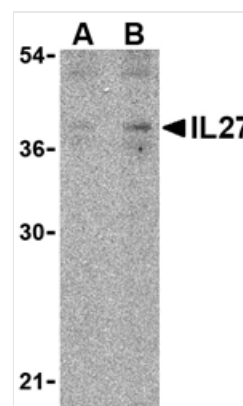
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	243
Applicable Applications for anti-IL-27 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the amino terminus of human IL-27.
Target Name	IL-27
Preparation and Storage	Can be stored at -20 degree C, stable for 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


ICC (Immunocytochemistry)

Immunocytochemistry of IL-27 in EL4 with IL-27 antibody at 10 ug/mL.


WB (Western Blot)

Western blot analysis of IL-27 in EL4 lysate with IL-27 antibody at (A) 2 and (B) 4 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-27 antibody	Like interleukin-23 (IL-23), IL-27 is a recently discovered member of the IL-6/IL-12 family of proinflammatory and immunoregulatory cytokines. It exists as a heterodimer composed of the p40-related protein EBI3 and an IL-12 p35-related protein termed p28. IL-27 is produced after activation by antigen-presenting cells and induces proliferation of na ve but not memory CD4+ T-cells. It acts by binding to its receptor WSX-1 and gp130 which results in the activation of a Jak/STAT signaling cascade, suggesting the IL-27 is involved in the regulation of immune processes. It has been suggested that IL-27 can also be used as a therapeutic agent against cancer as it can also induce tumor-specific anti-tumor activity mediated through CD8+ T-cells, IFN-gamma, and T-bet.
Product Categories/Family for anti-IL-27 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	28416913
NCBI GeneID	246778
NCBI Accession #	NP_663634
NCBI GenBank Nucleotide #	NM_145659.3
Molecular Weight	27,493 Da
NCBI Official Full Name	interleukin-27 subunit alpha
NCBI Official Synonym Full Names	interleukin 27
NCBI Official Symbol	IL27
NCBI Official Synonym Symbols	p28; IL30; IL-27; IL27A; IL-27A; IL27p28
NCBI Protein Information	interleukin-27 subunit alpha
UniProt Protein Name	Interleukin-27 subunit alpha
UniProt Gene Name	IL27
UniProt Synonym Gene Names	IL27A; IL30; IL-27 subunit alpha; IL-27-A; IL27-A
UniProt Entry Name	IL27A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/il-27-antibody-immunocytochemistry-western-blot-elisa/305219>