

Rabbit anti-Human IL-33 Polyclonal Antibody | anti-IL-33 antibody

IL-33 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307391	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

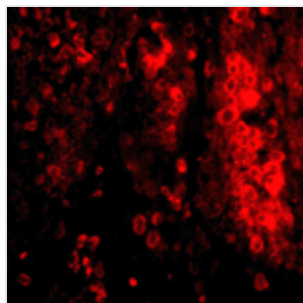
PRODUCT SYNONYMS

IL-33; Polyclonal Antibody; IL-33 Antibody; Interleukin-33; Nuclear factor from high endothelial venules; NFHEV; anti-IL-33 antibody

PRODUCT SPECIFICATIONS

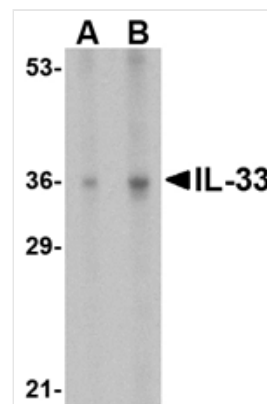
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	270
Applicable Applications for anti-IL-33 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide from near the amino terminus of human IL-33.
Target Name	IL-33
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



IF (Immunofluorescence)

Immunofluorescence of IL-33 in human lymph node tissue with IL-33 antibody at 20 ug/mL.



WB (Western Blot)

Western blot analysis of IL-33 in human lymph node tissue lysate with IL-33 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-33 antibody	Interleukin-33 (IL-33) is a recently identified member of the IL-1 family of cytokines whose other members include IL-1a/beta, IL-1Ra and IL-18. Its receptor has been shown to be ST2, an IL-1 receptor family member that also acts as a negative regulator of TLR-IL-1R signaling and IL-1R accessory protein (IL-1RAcP). Receptor binding of IL-33 activates NF-kB and MAP kinases and induces the expression of TH2-associated cytokines such as IL-4, IL-5 and IL-6. Prolonged IL-33 treatment of mice led to the development of eosinophilia, splenomegaly, and severe pathological changes in mucosal organs such as lungs, esophagus and small intestine. Recent experiments have shown that IL-33 can also co-localize with heterochromatin and possesses transcriptional repressor activities, indicating that IL-33 may function as both a proinflammatory cytokine and an intracellular nuclear factor with transcriptional regulatory properties.
Product Categories/Family for anti-IL-33 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	15559209
NCBI GeneID	90865
NCBI Accession #	NP_254274
NCBI GenBank Nucleotide #	NM_033439.3
Molecular Weight	16,250 Da
NCBI Official Full Name	interleukin-33 isoform 1
NCBI Official Synonym Full Names	interleukin 33
NCBI Official Symbol	IL33
NCBI Official Synonym Symbols	DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26
NCBI Protein Information	interleukin-33
UniProt Protein Name	Interleukin-33
UniProt Gene Name	IL33
UniProt Synonym Gene Names	C9orf26; IL1F11; NFHEV; IL-33; IL-1F11; NF-HEV
UniProt Entry Name	IL33_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-33-antibody-immunofluorescence-western-blot-elisa/307391>