

A25253

Leader in Biomolecular Solutions for Life Science



IL33 Rabbit pAb

Catalog No.: A25253

Basic Information

Observed MW

20kDa

Calculated MW

30kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

Background

Enables cytokine activity and interleukin-33 receptor binding activity. Involved in several processes, including interleukin-33-mediated signaling pathway; microglial cell activation involved in immune response; and regulation of gene expression. Acts upstream of or within several processes, including negative regulation of macrophage proliferation; positive regulation of cellular defense response; and positive regulation of macromolecule metabolic process. Located in nucleus. Is expressed in several structures, including adrenal gland; alimentary system; genitourinary system; nervous system; and sensory organ. Used to study Alzheimer's disease. Human ortholog(s) of this gene implicated in candidiasis; inflammatory bowel disease; and peptic ulcer disease. Orthologous to human IL33 (interleukin 33).

Recommended Dilutions

WB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

77125

Swiss Prot

Q8BVZ5

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

IL-33; IL1f11; NF-HEV; 9230117N10Rik; IL-33

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

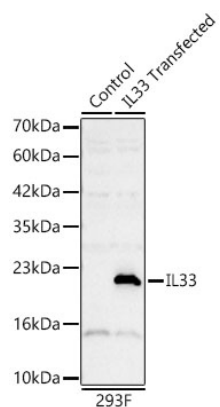
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with IL33 using IL33 Rabbit pAb (A25253) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 40.5 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45s.