Anti-IL-33 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P105582

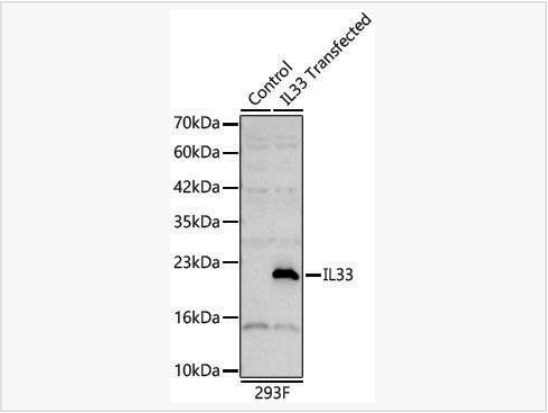
Product Information

Application	WB, ELISA
Reactivity	Mouse, Rat
Dilution	WB 1:500~1:1000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 109-266 of mouse IL33(NP_598536.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IL-33 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Il-33; Il1f11; NF-HEV; 9230117N10Rik; IL-33.
Calculated MW	Calculated MW: 30 kDa; Observed MW: 20 kDa
Uniprot ID	Q8BVZ5
Gene ID	77125
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).

Validation Images



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with IL33 using IL33 Rabbit pAb (P105582) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 40.5 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 45s.