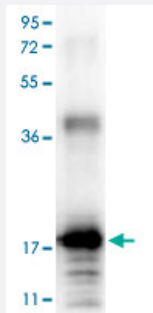


IL33 polyclonal antibody

Catalog # PAB16924 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot using IL33 polyclonal antibody (Cat # PAB16924) shows detection of a band ~18 kDa in size corresponding to recombinant human IL33. After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1 : 1,000 dilution. Detection occurred using peroxidase conjugated anti-Rabbit IgG secondary antibody diluted 1 : 40,000 in blocking buffer for 30 min at RT followed by reaction with FemtoMax™ chemiluminescent substrate. Image was captured using VersaDoc™ MP 4000 imaging system (Bio-Rad).

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant IL33.
Immunogen	Recombinant protein corresponding to full length human IL33.
Host	Rabbit
Reactivity	Human
Form	Lyophilized
Recommend Usage	ELISA (1:20000-1:100000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL33

Entrez GeneID	90865
Gene Name	IL33
Gene Alias	C9orf26, DKFZp586H0523, DVS27, NF-HEV, NFEHEV, RP11-575C20.2
Gene Description	interleukin 33
Omim ID	608678
Gene Ontology	Hyperlink
Other Designations	DVS27-related protein OTTHUMP00000021041 nuclear factor from high endothelial venules

Publication Reference

- [Mature interleukin-33 is produced by calpain-mediated cleavage in vivo.](#)

Hayakawa M, Hayakawa H, Matsuyama Y, Tamemoto H, Okazaki H, Tominaga S.
Biochemical and Biophysical Research Communications 2009 Jul; 387(1):218.

- [Suppression of interleukin-33 bioactivity through proteolysis by apoptotic caspases.](#)

Luthi AU, Cullen SP, McNeela EA, Duriez PJ, Afonina IS, Sheridan C, Brumatti G, Taylor RC, Kersse K, Vandenabeele P, Lavelle EC, Martin SJ.
Immunity 2009 Jun; 31(1):84.

- [IL-33, a recently identified interleukin-1 gene family member, is expressed in human adipocytes.](#)

Wood IS, Wang B, Trayhurn P.

Biochemical and Biophysical Research Communications 2009 Apr; 384(1):105.

Disease

- [Alzheimer disease](#)
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