10320 Camino Santa Fe, Suite G
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IL13RA1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5366

Specification

IL13RA1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P78552
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**H=49 KDa**
Isotype	**Rabbit IgG**
Antigen Source	**HUMAN**

IL13RA1 Antibody (C-term) - Additional Information

Gene ID 3597

Antigen Region
13-42

Other Names
Interleukin-13 receptor subunit alpha-1, IL-13 receptor subunit alpha-1, IL-13R subunit alpha-1, IL-13R-alpha-1, IL-13RA1, Cancer/testis antigen 19, CT19, CD213a1, IL13RA1, IL13R, IL13RA

Dilution
WB~~1:1000

Target/Specificity
This IL13RA1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 207-238 amino acids from the C-terminal region of human IL13RA1.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
IL13RA1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

IL13RA1 Antibody (C-term) - Protein Information

Name IL13RA1

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Synonyms IL13R, IL13RA

Function
Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.

Cellular Location
Membrane; Single-pass type I membrane protein.

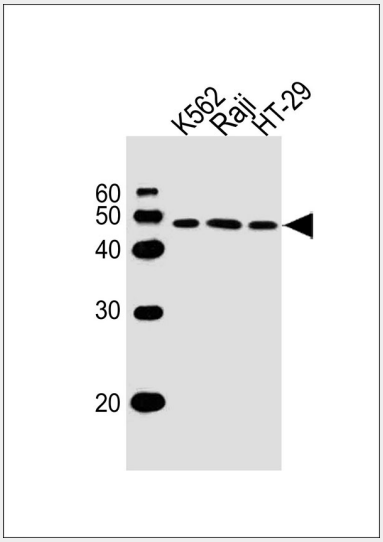
Tissue Location
Ubiquitous. Highest levels in heart, liver, skeletal muscle and ovary; lowest levels in brain, lung and kidney Also found in B-cells, T-cells and endothelial cells

IL13RA1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IL13RA1 Antibody (C-term) - Images



All lanes : Anti-IL13RA1 Antibody (C-term) at 1/1000 dilution Lane 1: K562 whole cell lysates Lane 2: Raji whole cell lysates Lane 3: HT-29 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 49 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

IL13RA1 Antibody (C-term) - Background

Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.

IL13RA1 Antibody (C-term) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).