

Datasheet for ABIN2854437

anti-IL5RA antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	IL5RA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL5RA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human IL5 Receptor alpha. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to IL5 Receptor alpha (interleukin 5 receptor, alpha) IL5 Receptor alpha antibody [N1C2]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	IL5RA
Alternative Name:	interleukin 5 receptor subunit alpha (IL5RA Products)

Target Details

Background:	<p>The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Six alternatively spliced transcript variants encoding three distinct isoforms have been reported.</p> <p>Cellular Localization: Membrane, Single-pass type I membrane protein</p>
Molecular Weight:	48 kDa
Gene ID:	3568
UniProt:	Q01344
Pathways:	JAK-STAT Signaling

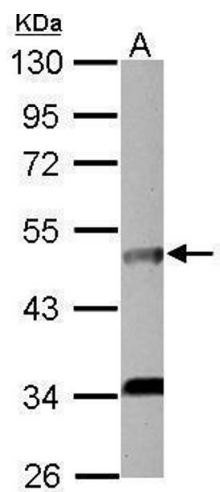
Application Details

Application Notes:	<p>WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.</p> <p>Not tested in other applications.</p>
Comment:	Positive Control: HCT116
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
HCT116 10% SDS PAGE antibody diluted at 1:2000