

Datasheet for ABIN2789551
anti-IL5RA antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	IL5RA
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL5RA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	GLAQVLLQWK PNPDQEQRNV NLEYQVKINA PKEDDYETRI TESKCVTILH
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 79%, Horse: 79%, Human: 100%, Mouse: 79%, Pig: 86%, Rat: 79%, Yeast: 91%
Characteristics:	This is a rabbit polyclonal antibody against IL5RA. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IL5RA
Alternative Name:	IL5RA (IL5RA Products)
Background:	The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine

Target Details

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. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported.

Alias Symbols: CD125, CDw125, HSIL5R3, IL5R, MGC26560

Protein Interaction Partner: UNC119, SDCBP, IL5, JAK2, JAK1, CSF2RB,

Protein Size: 420

Molecular Weight: 46 kDa

Gene ID: 3568

NCBI Accession: [NM_175726](#), [NP_783853](#)

UniProt: [Q01344](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 420 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

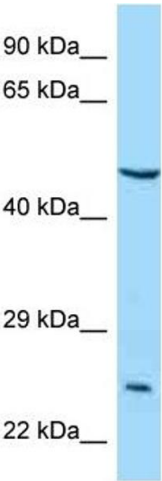
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-IL5RA Antibody Titration: 1.0 ug/ml Positive Control: MCF7 Whole Cell