

Datasheet for ABIN7268006

anti-IL9 Receptor antibody (AA 50-150)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	IL9 Receptor (IL9R)
Binding Specificity:	AA 50-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL9 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	IL9R Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human IL9R (XP_011529456.1).
Sequence:	PELGQGSSPW LLFTSNQAPG GTHKCILRGS ECTVVLPPPEA VLVPSDNFTI TFHHCMSGRE QVSLVDPEYL PRRHVKLDPP SDLQSNISSG HCILTWSISP A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

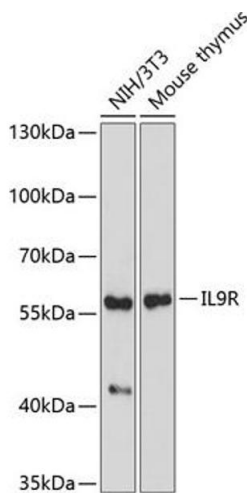
Target:	IL9 Receptor (IL9R)
Alternative Name:	IL9R (IL9R Products)
Background:	<p>The protein encoded by this gene is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene.,IL9R,CD129,IL-9R,Immunology & Inflammation,CD markers,IL9R</p>
Molecular Weight:	37kDa/54kDa/57kDa
Gene ID:	3581
UniProt:	Q01113
Pathways:	JAK-STAT Signaling , Growth Factor Binding

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using IL9R antibody (ABIN7268006) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.