

Datasheet for ABIN5531475  
**anti-IL-9 antibody (AA 170-199)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	IL-9 (IL9)
Binding Specificity:	AA 170-199
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This IL9R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 170-199 amino acids from the Central region of human IL9R.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	IL-9 (IL9)
Alternative Name:	IL9 ( <a href="#">IL9 Products</a> )
Background:	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

## Target Details

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.

Molecular Weight: 57 kDa

Gene ID: 3581

UniProt: [Q01113](#)

Pathways: [JAK-STAT Signaling](#)

## Application Details

Application Notes: For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:10~50

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.4 mg/mL

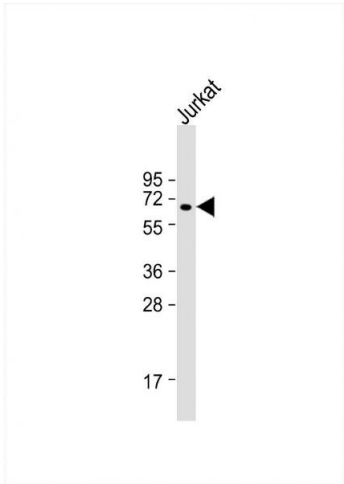
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

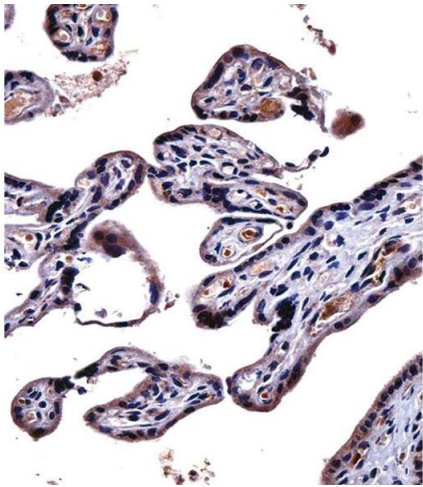
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



### Western Blotting

**Image 1.** Western Blot at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 ug per lane.



### Immunohistochemistry

**Image 2.** IL9R Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.