

Datasheet for ABIN6244080  
**anti-RSP01 antibody (AA 206-240)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	RSP01
Binding Specificity:	AA 206-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RSP01 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This RSP01 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 206-240 amino acids from human RSP01.
Clone:	RB54226
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	RSP01
Alternative Name:	RSP01 ( <a href="#">RSP01 Products</a> )
Background:	Activator of the canonical Wnt signaling pathway by acting as a ligand for LGR4-6 receptors.

## Target Details

Upon binding to LGR4-6 (LGR4, LGR5 or LGR6), LGR4-6 associate with phosphorylated LRP6 and frizzled receptors that are activated by extracellular Wnt receptors, triggering the canonical Wnt signaling pathway to increase expression of target genes. Also regulates the canonical Wnt/beta-catenin-dependent pathway and non-canonical Wnt signaling by acting as an inhibitor of ZNRF3, an important regulator of the Wnt signaling pathway. Acts as a ligand for frizzled FZD8 and LRP6. May negatively regulate the TGF-beta pathway. Has a essential roles in ovary determination.

Molecular Weight: 28959

UniProt: [Q2MKA7](#)

## Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

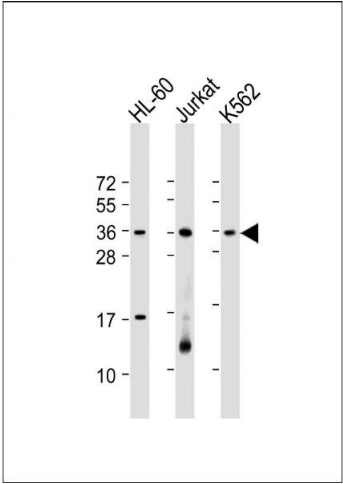
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

**Image 1.** All lanes : Anti-RSP01 Antibody (C-Term) at 1:2000 dilution Lane 1: HL-60 whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 29 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.