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Datasheet for ABIN6281084  
**anti-RIP2 antibody (pSer176)**

## Overview

Quantity:	50 µL
Target:	RIP2
Binding Specificity:	AA 120-200, pSer176
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

**Purpose:** RIP2 is a protein encoded by the RIPK2 gene which is approximately 61,2 kDa. RIP2 is localised to the cytoplasm. It is involved in activated TLR4 signalling, p75 NTR receptor-mediated signalling, toll-like receptor signalling pathways and cytokine signalling in immune system. It is a serine/threonine/tyrosine kinase that contains a C-terminal caspase activation and recruitment domain and plays an essential role in modulation of innate and adaptive immune responses. RIP2 is expressed in the heart, brain, placenta, lung, peripheral blood leukocytes, spleen and kidney. Mutations in the RIPK2 gene may result in x-linked lymphoproliferative syndrome and human granulocytic anaplasmosis. STJ90957 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This primary antibody specifically binds to endogenous RIP2 protein which only binds about S176 when S176 is phosphorylated.

**Immunogen:** Synthesized peptide derived from human RIP2 around the phosphorylation site of S176.

## Product Details

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Isotype:	IgG
Specificity:	Phospho-RIP2 (S176) Polyclonal Antibody detects endogenous levels of RIP2 protein only when phosphorylated at S176.
Characteristics:	Rabbit polyclonal to Phospho-RIP2 (S176).
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

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Target:	RIP2
Alternative Name:	RIP2 ( <a href="#">RIP2 Products</a> )
Molecular Weight:	70 kDa
Gene ID:	8767
UniProt:	<a href="#">O43353</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

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Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:40000
Comment:	Detected in heart, brain, placenta, lung, peripheral blood leukocytes, spleen, kidney, testis, prostate, pancreas and lymph node.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

## Handling

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should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.