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Datasheet for ABIN7169504

**anti-SHARPIN antibody (AA 82-171) (Biotin)**

## Overview

Quantity:	100 µg
Target:	SHARPIN
Binding Specificity:	AA 82-171
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHARPIN antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Sharpin protein (82-171AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	SHARPIN
Alternative Name:	SHARPIN ( <a href="#">SHARPIN Products</a> )
Background:	Background: Component of the LUBAC complex which conjugates linear polyubiquitin chains in a head-to-tail manner to substrates and plays a key role in NF-kappa-B activation and regulation

## Target Details

of inflammation. LUBAC conjugates linear polyubiquitin to IKBKG and RIPK1 and is involved in activation of the canonical NF-kappa-B and the JNK signaling pathways. Linear ubiquitination mediated by the LUBAC complex interferes with TNF-induced cell death and thereby prevents inflammation. LUBAC is proposed to be recruited to the TNF-R1 signaling complex (TNF-RSC) following polyubiquitination of TNF-RSC components by BIRC2 and/or BIRC3 and to conjugate linear polyubiquitin to IKBKG and possibly other components contributing to the stability of the complex. Together with FAM105B/otulin, the LUBAC complex regulates the canonical Wnt signaling during angiogenesis.

Aliases: DKFZp434N1923 antibody, hSIPL1 antibody, Shank associated RH domain interacting protein antibody, SHANK associated RH domain interactor antibody, Shank interacting protein like 1 antibody, Shank-associated RH domain-interacting protein antibody, Shank-interacting protein-like 1 antibody, Sharpin antibody, SHRPN\_HUMAN antibody, SIPL1 antibody

UniProt: [Q9H0F6](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.