

[Go to Product page](#)

Datasheet for ABIN7119030 **anti-SHARPIN antibody**

Overview

Quantity:	100 µg
Target:	SHARPIN
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHARPIN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	SHANK-associated RH domain interactor
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SHARPIN
Alternative Name:	SHARPIN (SHARPIN Products)
Background:	Synonyms:hSIPL1, SHARPIN, SIPL1 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 of inflammation. LUBAC conjugates linear polyubiquitin to IKBKG and RIPK1 and is involved in activation of the canonical NF-kappa-B and

Target Details

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.

Molecular Weight:	40 kDa
-------------------	--------

Gene ID:	81858
----------	-------

UniProt:	Q9H0F6
----------	------------------------

Application Details

Application Notes:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200
--------------------	---------------------------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Buffer:	PBS with 0.02 % sodium azide and 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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
------------------	--

Expiry Date:	12 months
--------------	-----------