

## anti- SHARPIN antibody

### Product Information

Catalog No.:	FNab07838
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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 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.

### Immunogen information

Immunogen:	SHANK-associated RH domain interactor
Synonyms:	SIPL1
Observed MW:	40 kDa
UniprotID :	Q9H0F6

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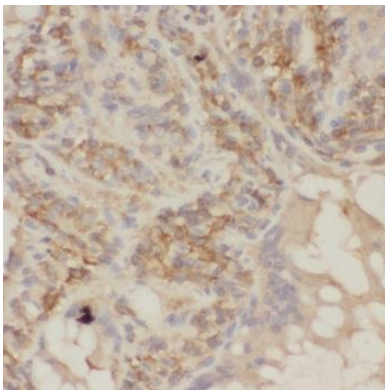
## Application

Reactivity: Human, Mouse, Rat

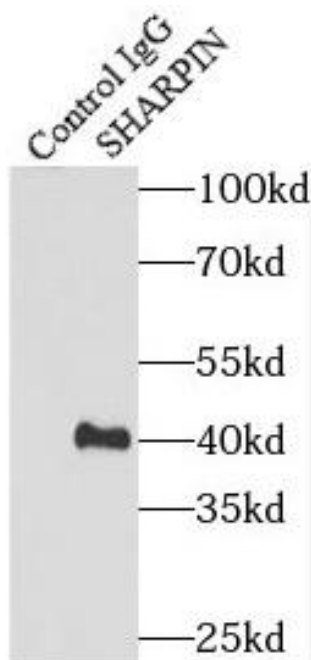
Tested Application: ELISA, WB, IP, IHC

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human small intestine tissue slide using FNab07838(SHARPIN Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



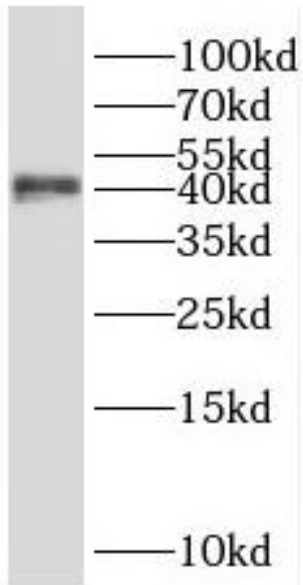
IP Result of anti-SHARPIN (IP:FNab07838, 3ug; Detection:FNab07838 1:1500) with Raji cells lysate 2520ug.

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Raji cells were subjected to SDS PAGE followed by western blot with FNab07838(SHARPIN antibody) at dilution of 1:500