兔抗 ITCH(Ab-420) 多克隆抗体

中文名称： 兔抗 ITCH(Ab-420) 多克隆抗体

英文名称： Anti-ITCH(Ab-420) rabbit polyclonal antibody

别　名： AIF4; AIP4; ADMFD; NAPP1; dJ468O1.1

储　存： 冷冻（-20℃） 避光

抗　原： ITCH(Ab-420)

宿　主： Rabbit

反应种属： Human Mouse

相关类别： 一抗

标记物： Unconjugate

克隆类型： Unconjugate

技术规格

Background:	Acts as an E3 ubiquitin-protein ligase which accepts ubiquitin fro m an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. It catalyzes 'Lys-29'-, 'Lys-48'- and 'Lys-63'-linked ubiquitin conjugati on. It is involved in the control of inflammatory signaling pathway s. Is an essential component of a ubiquitin-editing protein comple x, comprising also TNFAIP3, TAX1BP1 and RNF11, that ensures the transient nature of inflammatory signaling pathways. Promotes the association of the complex after TNF stimulation. Once the compl ex is formed, TNFAIP3 deubiquitinates 'Lys-63' polyubiquitin chain s on RIPK1 and catalyzes the formation of 'Lys-48'-polyubiquitin c

	hains. This leads to RIPK1 proteasomal degradation and consequentially termination of the TNF- or LPS-mediated activation of NFKB1. Ubiquitinates RIPK2 by 'Lys-63'-linked conjugation and influences NOD2-dependent signal transduction pathways. Regulates the transcriptional activity of several transcription factors, and probably plays an important role in the regulation of immune response. Ubiquitinates NFE2 by 'Lys-63' linkages and is implicated in the control of the development of hematopoietic lineages. Critical regulator of T-helper (TH2) cytokine development through its ability to induce JUNB ubiquitination and degradation By similarity. Ubiquitinates SNX9. Ubiquitinates CXCR4 and HGS/HRS and regulates sorting of CXCR4 to the degradative pathway. It is involved in the negative regulation of MAVS-dependent cellular antiviral responses. Ubiquitinates MAVS through 'Lys-48'-linked conjugation resulting in MAVS proteasomal degradation. Involved in the regulation of apoptosis and reactive oxygen species levels through the ubiquitination and proteasomal degradation of TXNIP. Mediates the antiapoptotic activity of epidermal growth factor through the ubiquitination and proteasomal degradation of p15 BID. Targets DTX1 for lysosomal degradation and controls NOTCH1 degradation, in the absence of ligand, through 'Lys-29'-linked polyubiquitination.
Applications:	WB
Name of antibody:	ITCH(Ab-420)
Immunogen:	Synthesized non-phosphopeptide derived from human ITCH around the phosphorylation site of tyrosine 420 (F-I-Y(p)-G-N).
Full name:	itchy E3 ubiquitin protein ligase
Synonyms :	AIF4; AIP4; ADMFD; NAPP1; dJ468O1.1
SwissProt:	Q96J02
WB Predicted band size:	103 kDa
WB Positive control:	Mouse brain tissue lysate
WB Recommended dilution:	500-3000