

## 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

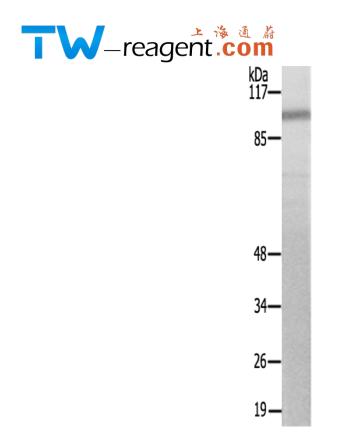
## 技术规格

	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
Background:	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 conseque
	ntly termination of the TNF- or LPS-mediated activation of NFKB1.

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	Ubiquitinates RIPK2 by 'Lys-63'-linked conjugation and influences NOD2-dependent signal transduction pathways. Regulates the tran scriptional activity of several transcription factors, and probably pl ays an important role in the regulation of immune response. Ubiq uitinates NFE2 by 'Lys-63' linkages and is implicated in the contro I of the development of hematopoietic lineages. Critical regulator of T-helper (TH2) cytokine development through its ability to indu ce JUNB ubiquitination and degradation By similarity. Ubiquitinate s SNX9. Ubiquitinates CXCR4 and HGS/HRS and regulates sorting of CXCR4 to the degradative pathway. It is involved in the negati ve regulation of MAVS-dependent cellular antiviral responses. Ubi quitinates MAVS through 'Lys-48'-linked conjugation resulting in MAVS proteasomal degradation. Involved in the regulation of apo ptosis and reactive oxygen species levels through the ubiquitination and proteasomal degradation of TXNIP. Mediates the antiapopt otic activity of epidermal growth factor through the ubiquitination and proteasomal degradation of p15 BID. Targets DTX1 for lysoso mal degradation and controls NOTCH1 degradation, in the absenc e of ligand, through 'Lys-29'-linked polyubiquitination.
Applications:	WB
Name of antibody:	ITCH(Ab-420)
Immunogen:	Synthesized non-phosphopeptide derived from human ITCH aroun d 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 si ze:	103 kDa
WB Positive control:	Mouse brain tissue lysate
WB Recommended dil ution:	500-3000



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