



RNF31 Antibody, FITC conjugated

Product Code	CSB-PA856927LC01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q96EP0
Immunogen	Recombinant Human E3 ubiquitin-protein ligase RNF31 protein (421-700AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	E3 ubiquitin-protein ligase component of the LUBAC complex which conjugates linear (Met-1-linked) polyubiquitin chains 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. Binds polyubiquitin of different linkage types.
Form	Liquid
Conjugate	FITC
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	E3 ubiquitin-protein ligase RNF31 (EC 2.3.2.27) (HOIL-1-interacting protein) (HOIP) (RING finger protein 31) (RING-type E3 ubiquitin transferase RNF31) (Zinc in-between-RING-finger ubiquitin-associated domain protein), RNF31, ZIBRA
Species	Human
Research Area	Cell Biology
Target Names	RNF31