

RNF126 Antibody (Center)

Catalog_no :	AB3523
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This RNF126 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 84-115 amino acids from the Central region of human RNF126.
Dilution :	WB,1:2000;
Other_name :	E3 ubiquitin-protein ligase RNF126, 632-, RING finger protein 126 {ECO:0000312 HGNC:HGNC:21151}, RNF126 (HGNC:21151)
Isotype :	Rabbit Ig
Background :	E3 ubiquitin-protein ligase that regulates several biological processes through ubiquitination of various target proteins. Depending on the associated E2 ligase, mediates 'Lys- 48'- and 'Lys-63'-linked polyubiquitination of substrates. Through their polyubiquitination, may play a role in the endosomal sorting and degradation of several membrane receptors including EGFR, FLT3, MET and CXCR4. May also be part of a BAG6-dependent quality control process ensuring that proteins of the secretory pathway that are mislocalized to the cytosol are degraded by the proteasome. May provide the ubiquitin ligase activity associated with the BAG6 complex and be responsible for ubiquitination of the mislocalized proteins and their targeting to the proteasome (PubMed: 24981174). May also play a role in the endosomal recycling of IGF2R, the cation-independent mannose-6-phosphate receptor (PubMed: 24275455). By ubiquitinating CDKN1A/p21 and targeting it for degradation, may also promote cell proliferation (PubMed: 23026136). May monoubiquitinate AICDA (PubMed: 23277564).
reference :	Ota T.,et al.Nat. Genet. 36:40-45(2004). Daub H.,et al.Mol. Cell 31:438-448(2008). Olsen J.V.,et al.Sci. Signal. 3:RA3-RA3(2010). Zhi X.,et al.Cancer Res. 73:385-394(2013). Smith C.J.,et al.J. Cell Sci. 126:1366-1380(2013).