

PACO49956

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein 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. May also play a role in the endosomal recycling of IGF2R, the cation-independent mannose-6-phosphate receptor. By ubiquitinating CDKN1A/p21 and targeting it for degradation, may also promote cell proliferation. May monoubiquitinate AICDA.

Gene ID:

RNF126

Uniprot

Q9BV68

Synonyms:

E3 ubiquitin-protein ligase RNF126 (EC 2.3.2.27) (RING finger protein 126), RNF126

Immunogen:

Recombinant Human E3 ubiquitin-protein ligase RNF126 protein (39-225AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images

N/A

N/A