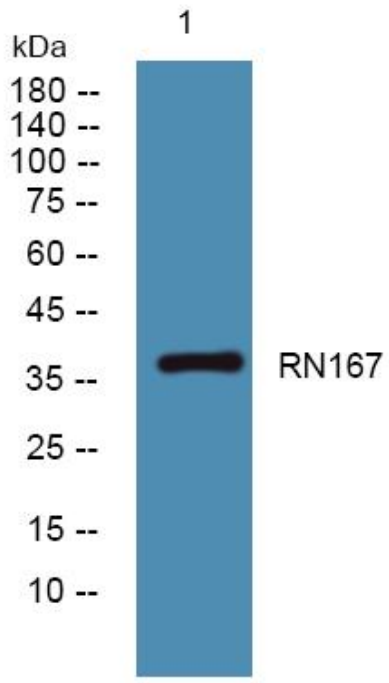
RN167 Polyclonal Antibody

Catalog No	YP-Ab-05561
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	RNF167 LP2254
Protein Name	E3 ubiquitin-protein ligase RNF167 (EC 6.3.2.-) (RING finger protein 167) (RING105)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	RN167 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	38kD
Cell Pathway	Endomembrane system ; Single-pass membrane protein . Targeted to cytoplasmic membranes.
Tissue Specificity	Strongly expressed in the kidney and liver (at protein level).
Function	function:May act as an E3 ubiquitin-protein ligase, or as part of the E3 complex, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, such as UBE2E1, and then transfers it to substrates, such as SLC22A18. May play a role in growth regulation involved in G1/S transition.,pathway:Protein modification; protein ubiquitination.,PTM:Auto-ubiquitinated in vitro in the presence of UBE2D1 and UBE2E1.,similarity:Contains 1 PA (protease associated) domain.,similarity:Contains 1 RING-type zinc finger.,subcellular location:Targeted to cytoplasmic membranes.,subunit:Interacts with SLC22A18.,tissue specificity:Strongly expressed in the kidney and liver (at protein level).,
Background	ring finger protein 167(RNF167) Homo sapiens RNF167 is an E3 ubiquitin ligase that interacts with TSSC5 (SLC22A18; MIM 602631) and, together with UBCH6 (UBE2E1; MIM 602916), facilitates TSSC5 polyubiquitylation (Yamada and Gorbsky, 2006 [PubMed 16314844]).[supplied by OMIM, Mar 2008],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4°over night