

Rabbit anti-Human, Mouse RNF144A Polyclonal Antibody | anti-RNF144A antibody

RNF144A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321169	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

RNF144A; Polyclonal Antibody; RNF144A Antibody; KIAA0161; Probable E3 ubiquitin protein ligase RNF144A; Probable E3 ubiquitin-protein ligase RNF144A; R144A_HUMAN; Ring finger protein 144; RING finger protein 144A; RNF 144; RNF 144A; rnf144a; UBCE7IP4; UbcM4 interacting protein 4; UbcM4-interacting protein 4; Ubiquitin conjugating enzyme 7 interacting protein 4; Ubiquitin-conjugating enzyme 7-interacting protein 4; anti-RNF144A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	RNF144A antibody detects endogenous levels of RNF144A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	292
Applicable Applications for anti-RNF144A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RNF144A
Subcellular Location	Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Pig (91%), Bovine (82%), Horse (82%), Sheep (82%), Dog (91%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis on COLO205 cell lysate using RNF144A Antibody. The lane on the left is treated with the antigen-specific peptide.


WB (Western Blot)

Western blot analysis of extracts from mouse lung, using RNF144A Antibody.



IF (Immunofluorescence)

AAA321169 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RNF144A antibody	Description: RNF144A E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Belongs to the RBR family. RNF144 subfamily. Interacts with UBE2L3. Function: E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates the ubiquitination and degradation of the DNA damage kinase PRKDC. Subunit Structure: Interacts with UBE2L3. Post-translational Modifications: Autoubiquitinated. Similarity: Members of the RBR family are atypical E3 ligases. They interact with the E2 conjugating enzyme UBE2L3 and function like HECT-type E3 enzymes: they bind E2s via the first RING domain, but require an obligate trans-thiolation step during the ubiquitin transfer, requiring a conserved cysteine residue in the second RING domain. Belongs to the RBR family. RNF144 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38045938
NCBI GeneID	9781
NCBI Accession #	NP_055561.2
NCBI GenBank Nucleotide #	NM_014746.5
UniProt Accession #	P50876; Q585H5; D6W4Y6
Molecular Weight	Observed: 30 kDa Predicted: 33 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase RNF144A isoform 2
NCBI Official Synonym Full Names	ring finger protein 144A
NCBI Official Symbol	RNF144A
NCBI Official Synonym Symbols	hUIP4; RNF144; UBCE7IP4
NCBI Protein Information	E3 ubiquitin-protein ligase RNF144A
UniProt Protein Name	E3 ubiquitin-protein ligase RNF144A
UniProt Gene Name	RNF144A
UniProt Synonym Gene Names	KIAA0161; RNF144; UBCE7IP4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.