

RNF19B Rabbit pAb

Catalog # AP97924

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q6ZMZ0
Other Accession	Q6ZMZ0
Reactivity	Human
Predicted	Rat, Pig, Mouse, Rabbit, Chicken, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	77925
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RNF19B
Epitope Specificity	301-400/732
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the RBR family. RNF19 subfamily. Contains 1 IBR-type zinc finger. Contains 2 RING-type zinc fingers.
SUBUNIT	Interacts with UBE2L3, UBE2L6 and UCKL1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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, such as UCKL1. Involved in the cytolytic activity of natural killer cells and cytotoxic T-cells.

Additional Information

Gene ID	127544
Other Names	IBRDC3; NKLAM; RN19B_HUMAN; RNF19B; IBR domain-containing protein 3; Natural killer lytic-associated molecule; RING finger protein 19B; 2.3.2.31; IBR domain containing 3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	RNF19B
Synonyms	IBRDC3, NKLAM
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, such as UCKL1 (PubMed: 16709802 , PubMed: 27485036). Involved in the cytolytic activity of natural killer cells and cytotoxic T-cells (PubMed: 10438909). Protects against staurosporin-induced cell death (PubMed: 27485036).
Cellular Location	Cytoplasmic granule membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Expressed specifically in natural killer cells, activated macrophages and cytotoxic T-cells (PubMed:10438909). Present in natural killer cells (at protein level) (PubMed:10912506) Ubiquitously expressed with high expression in testis (PubMed:27485036).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.