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TRIM47 Rabbit pAb

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Catalog # AP58501

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q96LD4
Predicted	Human, Mouse, Rat, Pig, Horse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69532
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRIM47
Epitope Specificity	414-460/638
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Nucleus.
SIMILARITY	Belongs to the TRIM/RBCC family.Contains 1 B box-type zinc finger.Contains 1 B30.2/SPRY domain.Contains 1 RING-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TRIM47 belongs to the TRIM/RBCC family. It contains one B box type zinc finger, one B30.2/SPRY domain and one RING type zinc finger. TRIM47 has low expression in most tissues; higher expression in kidney tubular cells and over expressed in astrocytoma tumor cells.

Additional Information

Gene ID	91107
Other Names	E3 ubiquitin-protein ligase TRIM47, 2.3.2.27, Gene overexpressed in astrocytoma protein, RING finger protein 100, Tripartite motif-containing protein 47, TRIM47 (HGNC:19020), GOA, RNF100
Target/Specificity	Low expression in most tissues. Higher expression in kidney tubular cells. Overexpressed in astrocytoma tumor cells.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	TRIM47 (HGNC:19020)
Synonyms	GOA, RNF100
Function	E3 ubiquitin-protein ligase that mediates the ubiquitination and proteasomal degradation of CYLD (PubMed:29291351). It also mediates the ubiquitination and proteasomal degradation of ADAM17 (PubMed:38771644).
Cellular Location	Cytoplasm. Nucleus
Tissue Location	Low expression in most tissues. Higher expression in kidney tubular cells. Overexpressed in astrocytoma tumor cells

Background

TRIM47 belongs to the TRIM/RBCC family. It contains one B box type zinc finger, one B30.2/SPRY domain and one RING type zinc finger. TRIM47 has low expression in most tissues; higher expression in kidney tubular cells and over expressed in astrocytoma tumor cells.

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