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Rabbit Anti-UEVLD/APC Conjugated antibody

SL6287R-APC

Product Name	Anti-UEVLD/APC
Chinese Name	APC 标记的 Ubiquitin 结合酶 E2 样蛋白抗体
Alias	ATTP; Ubiquitin-conjugating enzyme E2 variant 3; EV and lactate malate dehydrogenase domain containing protein; EV and lactate/malate dehydrogenase domain-containing protein; signaling molecule ATTP; ubiquitin conjugating enzyme E2 like; Ubiquitin conjugating enzyme E2 variant 3; Ubiquitin E2 variant and lactate/malate dehydrogenase domain containing protein; Ubiquitin-conjugating enzyme E2 variant 3; UEV 3; UEV and lactate malate dehyrogenase domains; UEV-3; UEV2 and LDH domains containing protein; UEV3; uevld; UEVLD_HUMAN.
Research Area	Tumour Cell biology Signal transduction Cyclin TumourCell biologyMaker Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat(predicted:Human,Mouse,Dog,Pig,Cow,Horse,Rabbit)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	52kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human UEVLD
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:**

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UEV3, also known as EV and lactate/malate dehydrogenase domain-containing protein, is a 471 amino acid protein that contains one UEV (ubiquitin E2 variant) domain, which typically interacts with ubiquitin. UEV3 is thought to be a paralogue of tsg 101, a protein that exerts regulatory effects on E2 activity in cellular ubiquitination processes. With amino-terminal homology to the catalytic domain of ubiquitin-conjugating enzymes, it is thought that UEV3 may function as a negative regulator of polyubiquitination. UEV3 is expressed in various colon carcinoma cell lines, carcinomas of the uterine cervix and peripheral blood leukocytes as well as normal colon and cervical epithelium.

Subunit:
Homodimer.

Tissue Specificity:
Colon, colon carcinoma cell lines, normal cervical epithelium, carcinomas of the uterine cervix and peripheral blood leukocytes.

Similarity:
In the N-terminal section; belongs to the ubiquitin-conjugating enzyme family. UEV subfamily.
In the C-terminal section; belongs to the LDH/MDH superfamily.
Contains 1 UEV (ubiquitin E2 variant) domain.

Database links:

UniProtKB/Swiss-Prot: Q8IX04.2

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.