



Rabbit Anti-EDPF1/MMS2 antibody

SL9377R

Product Name:	EDPF1/MMS2
Chinese Name:	肠Cell differentiation相关因子1抗体
Alias:	1 alpha 25 dihydroxyvitamin D3 inducible; DDVit 1; DDVIT1; EDAF-1; EDAF1; EDPF-1; EDPF1; Enterocyte differentiation associated factor EDAF 1; Enterocyte differentiation promoting factor; Enterocyte differentiation-associated factor 1; Enterocyte differentiation-promoting factor 1; Methyl methanesulfonate sensitive 2; MMS 2; MMS2; MMS2 homolog; UB2V2_HUMAN; UBE2V 2; UBE2V2; Ubiquitin conjugating enzyme E2 variant 2; Ubiquitin conjugating enzyme E2v2; Ubiquitin-conjugating enzyme E2 variant 2; UEV 2; UEV2; Vitamin D3 inducible protein; Vitamin D3-inducible protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	16kDa
Cellular localization:	The nucleusExtracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MMS2/EDPF1:65-145/145
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

Has no ubiquitin ligase activity on its own. The UBE2V2/UBE2N heterodimer catalyzes the synthesis of non-canonical poly-ubiquitin chains that are linked through 'Lys-63'. This type of poly-ubiquitination does not lead to protein degradation by the proteasome. Mediates transcriptional activation of target genes. Plays a role in the control of progress through the cell cycle and differentiation. Plays a role in the error-free DNA repair pathway and contributes to the survival of cells after DNA damage.

Function:

Has no ubiquitin ligase activity on its own. The UBE2V2/UBE2N heterodimer catalyzes the synthesis of non-canonical poly-ubiquitin chains that are linked through 'Lys-63'. This type of poly-ubiquitination does not lead to protein degradation by the proteasome. Mediates transcriptional activation of target genes. Plays a role in the control of progress through the cell cycle and differentiation. Plays a role in the error-free DNA repair pathway and contributes to the survival of cells after DNA damage.

Subunit:

Heterodimer with UBE2N. Binds CHFR.

Tissue Specificity:

Detected in placenta, colon, liver and skin. Detected at very low levels in most tissues.

Similarity:

Belongs to the ubiquitin-conjugating enzyme family.

SWISS:

Q15819

Gene ID:

7336

Database links:

[Entrez Gene: 7336](#) Human

[Entrez Gene: 100503412](#) Mouse

[Entrez Gene: 70620](#) Mouse

[Entrez Gene: 287927](#) Rat

[Omim: 603001](#) Human

[SwissProt: Q15819](#) Human

[SwissProt: Q9D2M8](#) Mouse

[SwissProt: Q7M767](#) Rat

[Unigene: 491695](#) Human

Product Detail:

[Unigene: 235407](#) Mouse

[Unigene: 390775](#) Mouse

[Unigene: 3933](#) Rat

Important Note:

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

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