



Rabbit Anti-DCAF12 antibody

SL9394R

Product Name:	DCAF12
Chinese Name:	睾丸癌中心体相关蛋白抗体
Alias:	cancer/testis antigen 102; Centrosome-related protein TCC52; CT102; DCA12_HUMAN; DCAF12; DDB1- and CUL4-associated factor 12; TCC52; Testis cancer centrosome-related protein; WD repeat domain 40A; WD repeat-containing protein 40A; WDR40A.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
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:	51kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DCAF12/WDR40A:231-330/453
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
Product Detail:	WD-repeats are motifs that are found in a variety of proteins and are characterized by a conserved core of 40-60 amino acids that commonly form a tertiary propeller structure. While proteins that contain WD-repeats participate in a wide range of cellular functions,

they are generally involved in regulatory mechanisms concerning chromatin assembly, cell cycle control, signal transduction, RNA processing, apoptosis and vesicular trafficking. WDR40A (WD-repeat-containing protein 40A), also known as DDB1-CUL4-associated factor 12, is a 453 amino acid cytoplasmic protein that contains four WD-repeats. WDR40A is highly expressed in some cancer cell lines, lung cancer tissues and normal testis. A probable substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex, WDR40A is suggested to interact with DDB1. WDR40A is encoded by a gene mapping to human chromosome 9p13.3. Human chromosome 9 houses over 900 genes and comprises nearly 4% of the human genome.

Function:

May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex.

Subunit:

Interacts with DDB1.

Subcellular Location:

Cytoplasm. Cytoplasm, cytoskeleton, centrosome.

Tissue Specificity:

Highly expressed in lung cancer tissues and some cancer cell lines. Restricted expression in normal testis.

Similarity:

Belongs to the WD repeat DCAF12 family.
Contains 4 WD repeats.

SWISS:

Q5T6F0

Gene ID:

25853

Database links:

[Entrez Gene: 25853](#)Human

[Entrez Gene: 68970](#)Mouse

[SwissProt: Q5T6F0](#)Human

[SwissProt: Q8BGZ3](#)Mouse

[Unigene: 493750](#)Human

[Unigene: 726117](#)Human

[Unigene: 28891](#)Mouse

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

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