



Rabbit Anti-CFDP1 antibody

SL12357R

Product Name:	CFDP1
Chinese Name:	颅面部发育蛋白1抗体
Alias:	BCNT; Bucentaur; CENP-29; CP27; Craniofacial development protein 1; p97; Phosphoprotein (Bucentaur); SWC5; Yeti; CFDP1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CFDP1:131-230/299
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:	CFDP1 is a 299 amino acid protein that is involved in embryogenesis and normal cell function. When treated with CFDP1 peptide, mouse molar teeth increase in size, whereas treating cells with antibodies against CFDP1 shows an increase in the number of apoptotic cells and gradual tooth disintegration. CFDP1 is highly expressed in developing mouse teeth and is expressed at lower levels in liver, lung and heart. The gene encoding CFDP1 maps to human chromosome 16, in a region that has been

associated with inherited craniofacial diseases, such as fanconi anemia type A. There are two isoforms of CFDP1 that are produced as a result of alternative splicing events.

Function:

May play a role during embryogenesis (By similarity).

Tissue Specificity:

Ubiquitous.

Post-translational modifications:

Phosphorylated by CK2 (casein kinase II) in vitro.

Similarity:

Contains 1 BCNT-C domain.

SWISS:

Q9UEE9

Gene ID:

10428

Database links:

[Entrez Gene: 10428](#)Human

[Entrez Gene: 23837](#)Mouse

[Entrez Gene: 292027](#)Rat

[Oimim: 608108](#)Human

[SwissProt: Q8HXY9](#)Cow

[SwissProt: Q9UEE9](#)Human

[SwissProt: O88271](#)Mouse

[SwissProt: Q75UQ2](#)Rat

Important Note:

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