

Rabbit Anti-ZIC5 antibody

SL12147R

Product Name	ZIC5
Chinese Name	Zinc finger proteinZIC5 抗体
Alias	zic5; ZIC5_HUMAN; Zinc finger protein of the cerebellum 5; Zinc finger protein ZIC 5.
Research Area	Cell biology Neurobiology Signal transduction transcriptional regulatory factor Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Cow,Horse,Sheep) WB=1:500-2000,ICC/IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	68kDa
Cellular localization	The nucleus
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human ZIC5: 501-600/663
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Zic5 (zinc finger protein of the cerebellum 5) is a C2H2 zinc finger transcription factor that influences development of the neural crest. Zic family

members are abundant in developing and adult cerebellum. Zic family members are important during development, and have been associated with X-linked visceral heterotaxy and holoprosencephaly type 5. Zic5 is closely linked to Zic2, a related family member on chromosome 13.

Function:

Essential for neural crest development, converting cells from an epidermal fate to a neural crest cell fate. Binds to DNA.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the GLI C2H2-type zinc-finger protein family.
Contains 4 C2H2-type zinc fingers.

SWISS:

Q96T25

Gene ID:

85416

Database links:

[Entrez Gene: 85416](#) Human

[Entrez Gene: 65100](#) Mouse

[Entrez Gene: 361095](#) Rat

[SwissProt: Q96T25](#) Human

[SwissProt: Q7TQ40](#) Mouse

[Unigene: 508570](#) Human

[Unigene: 390761](#) Mouse

[Unigene: 198356](#) Rat