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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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,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:	68kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZIC5:501-600/663
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:	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: 85416Human

Entrez Gene: 65100Mouse

Entrez Gene: 361095Rat

SwissProt: Q96T25Human

SwissProt: Q7TQ40Mouse

Unigene: 508570Human

Unigene: 390761Mouse

Unigene: 198356Rat

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