



Rabbit Anti-ZNF127 antibody

SL7149R

Product Name:	ZNF127
Chinese Name:	Zinc finger protein127抗体
Alias:	D15S9; Makorin ring finger protein 3; Mkrn3; MKRN3_HUMAN; Probable E3 ubiquitin-protein ligase makorin-3; RING finger protein 63; RNF63; ZFP127; Zinc finger protein 127; ZNF127.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Rabbit,
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:	57kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZNF127:361-460/507
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:	The protein encoded by this gene contains a RING (C3HC4) zinc finger motif and several C3H zinc finger motifs. This gene is intronless and imprinted, with expression only from the paternal allele. Disruption of the imprinting at this locus may contribute to Prader-Willi syndrome. An antisense RNA of unknown function has been found overlapping this gene. [provided by RefSeq, Jul 2008]

Function:

E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins.

Tissue Specificity:

Expressed in testis, brain, heart and kidney. Ubiquitously detected at low levels throughout the entire embryo, but expression is highest in the ventricular layers of the brain.

DISEASE:

Expressed at the blastocyst stage and the embryonic days 8-17, as well as in undifferentiated and differentiated embryonic stem cells. Expressed in the arcuate nucleus of both male and female animals. Levels of expression are highest on postnatal days 10 and 12, begin to decline on day 15, and reaches a nadir by days 18 to 22, at which time expression is 10 to 20% of the levels detected at 10 days. The timing of the decline in protein expression correlated with the ages at which arcuate KISS1 and TAC2 have been shown to increase, heralding the onset of puberty.

Similarity:

Contains 3 C3H1-type zinc fingers.
Contains 1 RING-type zinc finger.

SWISS:

Q13064

Gene ID:

7681

Database links:

[Entrez Gene: 7681](#) Human

[Entrez Gene: 22652](#) Mouse

[Entrez Gene: 292988](#) Rat

[Omim: 603856](#) Human

[SwissProt: Q13064](#) Human

[SwissProt: Q60764](#) Mouse

[Unigene: 679587](#) Human

[Unigene: 72964](#) Human

[Unigene: 146](#) Mouse

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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