



Rabbit Anti-ZNF449 antibody

SL12236R

Product Name:	ZNF449
Chinese Name:	Zinc finger protein449抗体
Alias:	FLJ23614; OTTHUMP00000024072; Zinc finger and SCAN domain containing protein 19; Zinc finger and SCAN domain-containing protein 19; Zinc finger protein 449; ZN449_HUMAN; ZNF449; ZSCAN19.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	ELISA=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:	60kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human ZNF449:401-518/518
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:	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the krueppel C2H2-type zinc-

finger protein family, ZNF449 is a 518 amino acid protein that contains one SCAN box domain and seven C2H2-type zinc fingers. ZNF449 is ubiquitously expressed and localizes to the nucleus. There are three isoforms of ZNF449 that are produced as a result of alternative splicing events.

Function:

May be involved in transcriptional regulation.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the krueppel C2H2-type zinc-finger protein family.

Contains 7 C2H2-type zinc fingers.

Contains 1 SCAN box domain.

SWISS:

Q6P9G9

Gene ID:

203523

Database links:

[Entrez Gene: 203523](#)Human

[Omir: 300627](#)Human

[SwissProt: Q6P9G9](#)Human

[Unigene: 28780](#)Human

Important Note:

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