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Rabbit Anti-ZNF206 antibody

SL13605R

Product Name:	ZNF206
Chinese Name:	Zinc finger protein206抗体
Alias:	Zfp206; Zinc finger and SCAN domain-containing protein 10; Zinc Finger Protein 206; ZSCAN10; ZSC10_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,
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:	80kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZNF206:551-650/725
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. ZNF206 (zinc finger protein 206), also known as ZSCAN10 (zinc finger and SCAN domain containing 10), is a 725 amino acid protein that contains one SCAN box domain and 14 C2H2-type zinc fingers. Localized to the nucleus, ZNF206 is thought to play a role in transcriptional regulation events. The gene encoding ZNF206

maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.

Function:
Znf206 is a zinc finger protein and probable transcriptional regulator. It is expressed in embryonic stem cells and downregulated upon differentiation. Both Oct4 and Sox2 bind the znf206 gene.

Subunit:
Interacts with POU5F1/OCT4 and SOX2 (By similarity).

Subcellular Location:
Nuclear

Similarity:
Contains 14 C2H2-type zinc fingers.
Contains 1 SCAN box domain.

SWISS:
Q96SZ4

Gene ID:
84891

Database links:

Entrez Gene: 84891 Human

Entrez Gene: 332221 Mouse

SwissProt: Q96SZ4 Human

SwissProt: Q20D61 Mouse

Unigene: 334515 Human

Unigene: 270315 Mouse

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