



Rabbit Anti-ZHX2 antibody

SL7581R

Product Name:	ZHX2
Chinese Name:	甲胎蛋白调节蛋白1抗体
Alias:	AFP regulator 1; AFR1; Alpha fetoprotein regulator 1; RAF; Regulator of AFP; Zinc finger and homeodomain protein 2; zinc fingers and homeoboxes 2; ZHX2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	92kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZHX2/Alpha fetoprotein regulator 1:451-550/837
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 members of the zinc fingers and homeoboxes gene family are nuclear homodimeric transcriptional repressors that interact with the A subunit of nuclear factor-Y (NF-YA) and contain two C2H2-type zinc fingers and five homeobox DNA-binding domains. This gene encodes member 2 of this gene family. In addition to forming homodimers, this protein heterodimerizes with member 1 of the zinc fingers and homeoboxes family.

[provided by RefSeq, Jul 2008].[FUNCTION] Acts as a transcriptional repressor.[SUBUNIT] Forms homodimers. Also forms heterodimers with ZHX1 and ZHX3. Heterodimerization with ZHX1 is not necessary for repressor activity. Interacts with NFYA.[SUBCELLULAR LOCATION] Nucleus. [TISSUE SPECIFICITY] Ubiquitously expressed. [SIMILARITY] Belongs to the ZHX family.

Function:

Acts as a transcriptional repressor.

Subunit:

Forms homodimers. Also forms heterodimers with ZHX1 and ZHX3. Heterodimerization with ZHX1 is not necessary for repressor activity. Interacts with NFYA.

Subcellular Location:

Nucleus.

Tissue Specificity:

Ubiquitously expressed.

Similarity:

Belongs to the ZHX family.
Contains 2 C2H2-type zinc fingers.
Contains 4 homeobox DNA-binding domains.

SWISS:

Q9Y6X8

Gene ID:

22882

Database links:

UniProtKB/Swiss-Prot: Q9Y6X8.1

[Entrez Gene: 22882](#)Human

[Omim: 609185](#)Human

[SwissProt: Q9Y6X8](#)Human

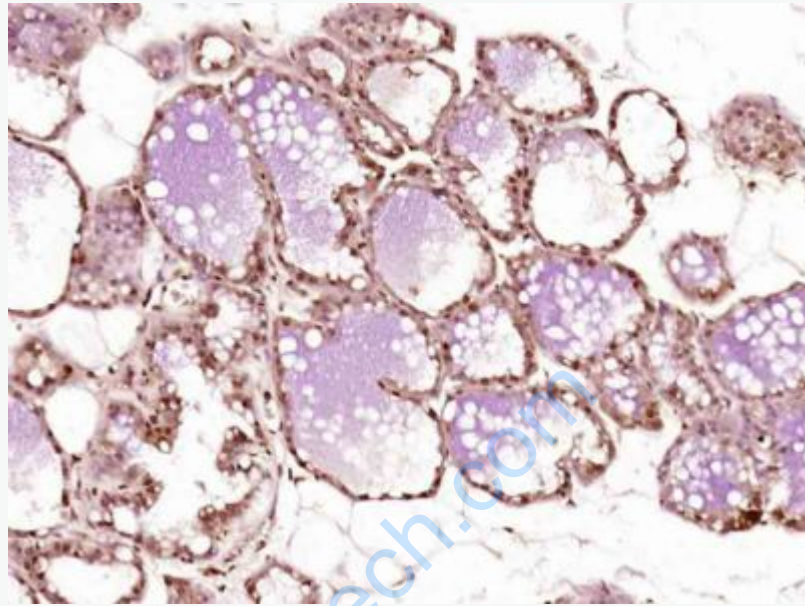
[Unigene: 377090](#)Human

[Unigene: 658443](#)Human

Important Note:

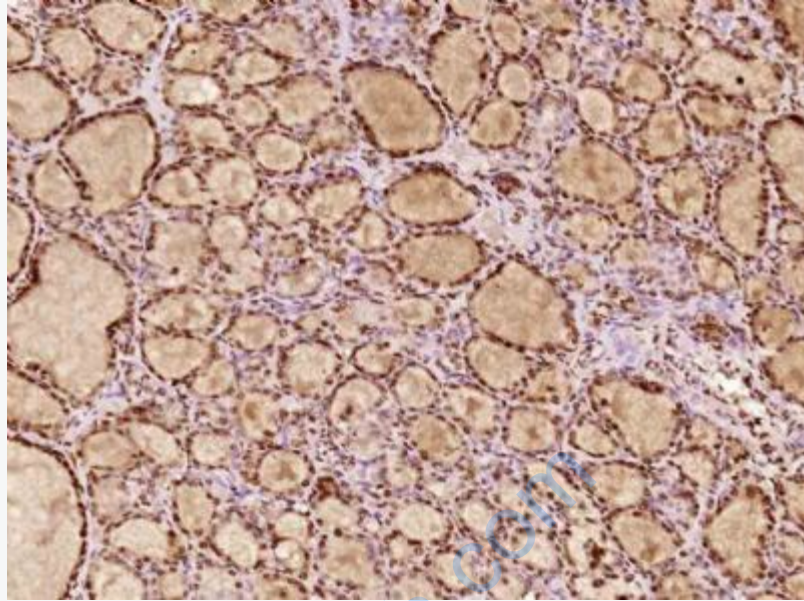
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therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Rat breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZHX2) Polyclonal Antibody, Unconjugated (SL7581R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat thyroid); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZHX2) Polyclonal Antibody, Unconjugated (SL7581R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.