SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-TBX22 antibody

SL7430R

Product Name:	TBX22
Chinese Name:	TBX22蛋白抗体
Alias:	ABERS; CLPA; CPX; D230020M15Rik; dJ795G23.1; T box 22; T box protein 22; T box transcription factor TBX22; T-box protein 22; T-box transcription factor TBX22; Tbx22; TBX22_HUMAN; TBXX.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
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:	58kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TBX22:1-100/520
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:	This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. Mutations in this gene have been associated with the inherited X-linked disorder, Cleft palate with ankyloglossia, and it is believed to play a major role in human palatogenesis. Alternatively spliced

transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function:
Probable transcriptional regulator involved in developmental processes. This is major determinant crucial to palatogenesis.

Subcellular Location:
Nucleus.

Tissue Specificity:
Seems to be expressed at a low level.

DISEASE:
The disease is caused by mutations affecting the gene represented in this entry. Disease description:A congenital mouth abnormality characterized by fissure of the soft and/or hard palate, due to faulty fusion. Some patients also manifest ankyloglossia, a condition in which movements of the tongue are restricted. Complete ankyloglossia is due to fusion between the tongue and the floor of the mouth. Partial ankyloglossia is due to a short lingual frenum or one which is attached too near the tip of the tongue.

Similarity:
Contains 1 T-box DNA-binding domain.

SWISS:
Q9Y458

Gene ID:
50948

Database links:

Entrez Gene: 50945 Human

Entrez Gene: 245572 Mouse

Entrez Gene: 302369 Rat

Omim: 300307 Human

SwissProt: Q9Y458 Human

SwissProt: Q8K402 Mouse

Unigene: 374253 Human

Unigene: 137011 Mouse

	Unigene: 109981 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.