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TBX22 Rabbit pAb

Catalog # AP96827

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8K402
Other Accession	Q8K402
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58498
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse TBX22
Epitope Specificity	21-120/517
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 T-box DNA-binding domain.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	245572
Other Names	ABERS; CLPA; CPX; TBXX; dJ795G23.1; D230020M15Rik; Tbx 22; TBX22_HUMAN; TBX22; T-box protein 22; TBOX22; TBX22_MOUSE; T-box transcription factor 22; cleft palate and/or ankyloglossia; T-box 22
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	Tbx22
Function	Probable transcriptional regulator involved in developmental processes. This is major determinant crucial to palatogenesis.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00201}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.