G-Biosciences Image not found or type unknown

Immunotag™ TBX20 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN2462
Product Description	Immunotag™ TBX20 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TBX20
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 211-260
Specificity	TBX20 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	TBX20
Accession No.	Q9UMR3 Q9ES03

Antibody Specification

Description	T-box 20(TBX20) Homo sapiens This gene encodes a T-box family member. The T-box family members share a common DNA binding domain, termed the T-box, and they are transcription factors involved in the regulation of developmental processes. This gene is essential for heart development. Mutations in this gene are associated with diverse cardiac pathologies, including defects in septation, valvulogenesis and cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009],
Protein Expression	Fetal eye,
Subcellular Localization	nucleus,cytoplasm,
Protein Function	disease:Defects in TBX20 are the cause of atrial septal defect type 4 (ASD4) [MIM:611363]. ASD4 is a congenital heart malformation characterized by incomplete closure of the wall between the atria resulting in blood flow from the left to the right atria. ASD4 patients show other heart abnormalities including defects in septation, chamber growth and valvulogenesis. ASD4 is not associated with defects in the cardiac conduction system or with non-cardiac abnormalities.,function:Probable transcriptional regulator involved in developmental processes.,similarity:Contains 1 T-box DNA-binding domain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.