

ARG42548 anti-TBX18 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TBX18
Tested Reactivity	Hu, Ms, Rat, Dog, Mk
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TBX18
Species	Human
Immunogen	Recombinant peptide within aa. 330 to the C-terminus of Human TBX18.
Conjugation	Un-conjugated
Alternate Names	T-box protein 18; T-box transcription factor TBX18

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	H69	
Observed Size	~ 68 kDa	

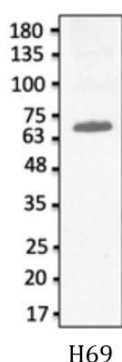
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.05% Sodium azide and 20% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	20% Glycerol
Concentration	3 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TBX18
Gene Full Name	T-box 18
Background	This genes codes for a member of an evolutionarily conserved family of transcription factors that plays a crucial role in embryonic development. The family is characterized by the presence of the DNA-binding T-box domain and is divided into five sub-families based on sequence conservation in this domain. The encoded protein belongs to the vertebrate specific Tbx1 sub-family. The protein acts as a transcriptional repressor by antagonizing transcriptional activators in the T-box family. The protein forms homo- or heterodimers with other transcription factors of the T-box family or other transcription factors. [provided by RefSeq, Nov 2012]
Function	Acts as transcriptional repressor involved in developmental processes of a variety of tissues and organs, including the heart and coronary vessels, the ureter and the vertebral column. Required for embryonic development of the sino atrial node (SAN) head area. [UniProt]
Calculated Mw	65 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG42548 anti-TBX18 antibody WB image

Western blot: 50 µg of H69 cell lysate stained with ARG42548 anti-TBX18 antibody at 1:1000 dilution.