

TBX15/18 rabbit pAb

Cat No.:ES3567

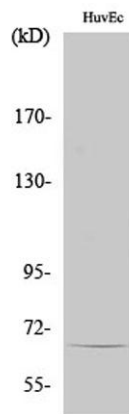
For research use only

Overview

Product Name	TBX15/18 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TBX15/18. AA range:161-210
Specificity	TBX15/18 Polyclonal Antibody detects endogenous levels of TBX15/18 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	T-box transcription factor TBX15/18
Gene Name	TBX15/TBX18
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	64kD
Human Gene ID	9096
Human Swiss-Prot Number	O95935/Q96SF7
Alternative Names	TBX18; T-box transcription factor TBX18; T-box protein 18; TBX15; TBX14; T-box transcription factor TBX15; T-box protein 15; T-box transcription factor TBX14; T-box protein 14
Background	T-box 18(TBX18) Homo sapiens This genes codes for a member of an evolutionarily conserved

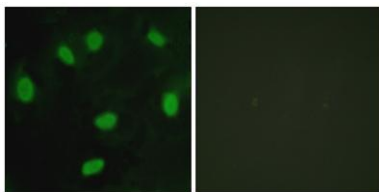


family of transcription factors that plays a crucial role in embryonic development. The family is characterized by the presence of the DNA-binding T-box domain and is divided into five sub-families based on sequence conservation in this domain. The encoded protein belongs to the vertebrate specific Tbx1 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],



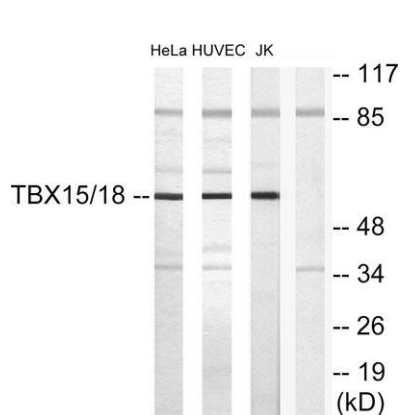
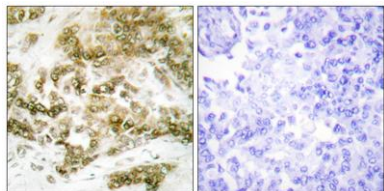
Western Blot analysis of various cells using TBX15/18 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

Immunofluorescence analysis of HeLa cells, using TBX15/18 Antibody. The picture on the right is blocked with the synthesized peptide.





Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TBX15/18 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC, HeLa, and Jurkat cells, using TBX15/18 Antibody. The lane on the right is blocked with the synthesized peptide.

