

Anti-TBX5 antibody

Cat. No.	ml261904
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-TBX5 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human TBX5
Reactivity	Human, Mouse, Rat
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	TBX5
Full name	T-box 5
Synonyms	HOS
Swissprot	Q99593

Target Background

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. This gene is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The encoded protein may play a role in heart development and specification of limb identity. Mutations in this gene have been associated with Holt-Oram syndrome, a developmental disorder affecting the heart and upper limbs. Several transcript variants encoding different isoforms have been described for this gene.

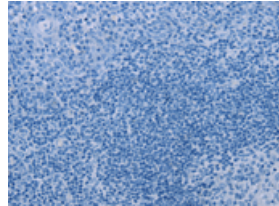
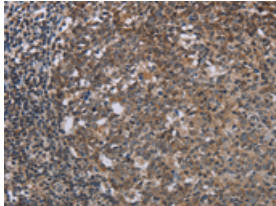
Applications

Immunohistochemistry

Predicted cell location: Nucleus or Cytoplasm

Positive control: Human tonsil

Recommended dilution: 25-100

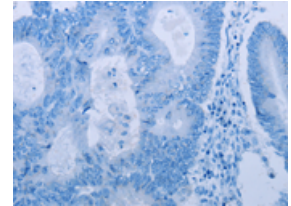
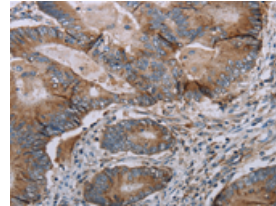


The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml261904(TBX5 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Nucleus or Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml261904(TBX5 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 1000-2000

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