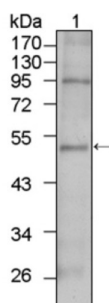


T-Box Protein 5 (TBX5) Antibody

Catalogue No.: abx011599



Western blot analysis using TBX5 antibody against HepG2 cell lysate (1).

TBX5, also known as T-box 5. It 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. It is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The TBX5 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.

| | |
|-------------------------------|--|
| Target: | T-Box Protein 5 (TBX5) |
| Clonality: | Monoclonal |
| Reactivity: | Human |
| Tested Applications: | ELISA, WB |
| Host: | Mouse |
| Recommended dilutions: | ELISA: 1/10000, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | Purified recombinant fragment of TBX5 expressed in E. coli. |
| Isotype: | IgG ₁ |
| Form: | Liquid |
| Purification: | Unpurified ascites. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | Q99593 (UniProt , ExPASy) |

Datasheet

Version: 2.0.0

Revision date: 17 Sep 2025



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|-------------------|--|
| Gene Symbol: | TBX5 |
| GeneID: | 6910 |
| OMIM: | 142900 |
| HGNC: | 11604 |
| KEGG: | hsa:6910 |
| Ensembl: | ENSG00000089225 |
| String: | 9606.ENSP00000309913 |
| Molecular Weight: | 53 kDa |
| Buffer: | Ascitic fluid containing 0.03% sodium azide. |
| Concentration: | Not determined. |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |

For Reference Only