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# Immunotag™ TBX18 Polyclonal Antibody

## Antibody Specification

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| Catalog No. | ITT4567 |
| Product Description | Immunotag™ TBX18 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 | TBX18 |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,ELISA |
| Recommended Dilution | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse,Rat |
| Host Species | Rabbit |
| Immunogen | The antiserum was produced against synthesized peptide derived from human TBX18. AA range:121-170 |
| Specificity | TBX18 Polyclonal Antibody detects endogenous levels of TBX18 protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Gene Name | TBX18 |
| Accession No. | O95935 Q9EPZ6 |
| Alternate Names | TBX18; T-box transcription factor TBX18; T-box protein 18 |

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| Description | 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], |
| Protein Expression | Lung, |
| Subcellular Localization | nucleus, |
| Protein Function | 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. |