

TCF4 Rabbit Polyclonal Antibody

Catalog #: EAB14024

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|--------------|----------|-------------------|
| Rabbit IgG | Polyclonal | WB, IF | 71 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|------------------------|------------|
| WB(Western Blotting) | 1:500-2000 |
| IF(Immunofluorescence) | 1:50-300 |

Product Information

| | |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Conjugate | Unconjugate |
| Specificity | TCF4 Rabbit Polyclonal Antibody detects endogenous levels of TCF4 protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | P15884 |
| Entrez-Gene ID | 6925 |

Product Description

This gene encodes transcription factor 4, a basic helix-loop-helix transcription factor. The encoded protein recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif first identified in immunoglobulin enhancers. This gene is broadly expressed, and may play an important role in nervous system development. Defects in this gene are a cause of Pitt-Hopkins syndrome. In addition, an intronic CTG repeat normally numbering 10-37 repeat units can expand to >50 repeat units and cause Fuchs endothelial corneal dystrophy. Multiple alternatively spliced transcript variants that encode different proteins have been described