

TCF4 polyclonal antibody

Catalog: BS6172

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

71KDa

Swiss-Prot:

P15884

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:2000|IF/ICC,1:50 - 1:200

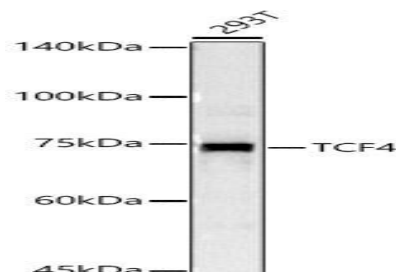
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

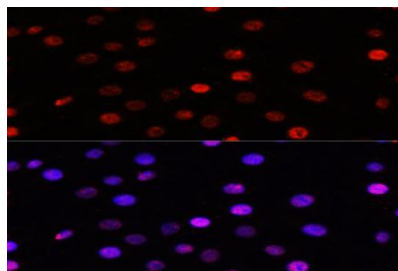
Category:

Polyclonal Antibodies

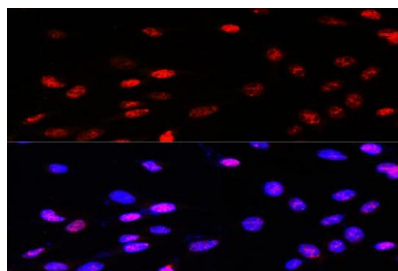
DATA:



Western blot analysis of extracts of 293T cells, using TCF4 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



Immunofluorescence analysis of C6 cells using TCF4 Rabbit pAb at dilution of 100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using TCF4 Rabbit pAb at dilution of 100. Blue: DAPI for nuclear staining.

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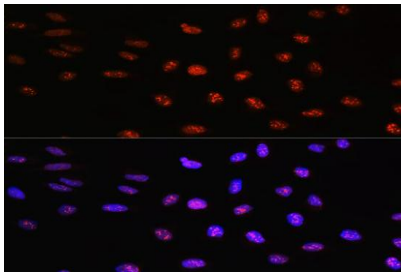
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Immunofluorescence analysis of U-2 OS cells using TCF4 Rabbit pAb at dilution of 100 . Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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