
TCF3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254224

Unit: 0.1 mg

Description:

The TCF3 gene, also called E2A, encodes two basic helix-loop-helix (bHLH) transcription factors, E12 and E47, through alternative splicing. These transcription factors are involved in mediating canonical Wnt signaling, which is very important in a diverse array of cellular functions such as stem cell proliferation, self-renewal, activation, fate determination, differentiation and aging and senescence. They bind beta-catenin and can act as transcriptional activators or repressors for Wnt target genes, and have been shown to regulate specific target genes during CNS development downstream of Wnt signaling. TCF3/Lef complexes are also known to play key roles in controlling cell fate lineages in multipotent skin stem cells.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: TCF3; Immunoglobulin transcription factor 1; transcription factor 3; E12; E2A; ITF1; E47

Accession No.: NP_003191

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human TCF3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.