

Recombinant Anti-TCF4 Rabbit mAb

Catalog # AP95306

Product Information

Application	WB, IHC, FC, IP
Primary Accession	P15884
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	71308

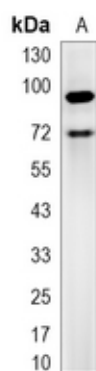
Additional Information

Gene ID	6925
Other Names	BHLHB19; ITF2; SEF2; Transcription factor 4; TCF-4; Class B basic helix-loop-helix protein 19; bHLHb19; Immunoglobulin transcription factor 2; ITF-2; SL3-3 enhancer factor 2; SEF-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human TCF4 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	TCF4
Synonyms	BHLHB19, ITF2, SEF2
Function	Transcription factor that binds to the immunoglobulin enhancer Mu-E5/KE5-motif. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'- CANNTG-3'). Binds to the E-box present in the somatostatin receptor 2 initiator element (SSTR2-INR) to activate transcription (By similarity). Preferentially binds to either 5'-ACANNTGT-3' or 5'- CCANNTGG-3'.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00981, ECO:0000269 PubMed:22777675}
Tissue Location	Expressed in adult heart, brain, placenta, skeletal muscle and to a lesser extent in the lung. In developing embryonic tissues, expression mostly occurs in the brain

Images



Western blot analysis of TCF4 expression in SHSY5Y (A) whole cell lysates. (Predicted band size: 71 kD; Observed band size: 71, 90 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.