

Anti-TCF4 Rabbit Monoclonal Antibody

Catalog # ABO15930

Product Information

Application	WB, IHC, FC
Primary Accession	P15884
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-TCF4 Rabbit Monoclonal Antibody . Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

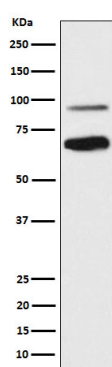
Gene ID	6925
Other Names	Transcription factor 4, TCF-4, Class B basic helix-loop-helix protein 19, bHLHb19, Immunoglobulin transcription factor 2, ITF-2, SL3-3 enhancer factor 2, SEF-2, TCF4, BHLHB19, ITF2, SEF2
Calculated MW	71308
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 FC 1:80
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 25T08 A synthesized peptide derived from human TCF4
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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 SH-SY5Y cell lysate.

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