

Anti-TCF4 Rabbit Monoclonal Antibody
Catalog # ABO15930**Specification**

Anti-TCF4 Rabbit Monoclonal Antibody - 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.

Anti-TCF4 Rabbit Monoclonal Antibody - 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

71 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
FC 1:80

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.

Immunogen

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.

Anti-TCF4 Rabbit Monoclonal Antibody - 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

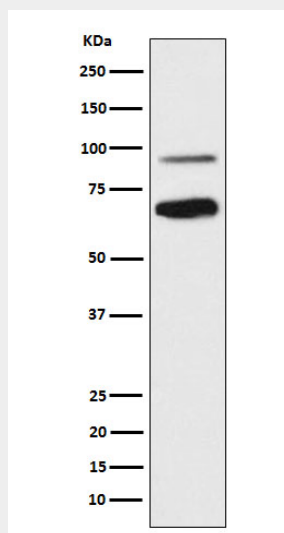
Expressed in adult heart, brain, placenta, skeletal muscle and to a lesser extent in the lung. In developing embryonic tissues, expression mostly occurs in the brain

Anti-TCF4 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TCF4 Rabbit Monoclonal Antibody - Images



Western blot analysis of TCF4 expression in SH-SY5Y cell lysate.