

# Transcription Factor 4 Rabbit mAb

Catalog # AP78412

## Product Information

<b>Application</b>	WB, IHC-P, FC, CHIP
<b>Primary Accession</b>	<a href="#">P15884</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human TCF4
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	71308

## Additional Information

<b>Gene ID</b>	6925
<b>Other Names</b>	TCF4
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A FC~~1:10~50 CHIP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

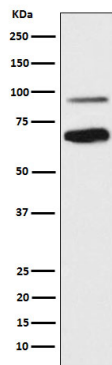
## Protein Information

<b>Name</b>	TCF4
<b>Synonyms</b>	BHLHB19, ITF2, SEF2
<b>Function</b>	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'.
<b>Cellular Location</b>	Nucleus {ECO:0000255   PROSITE-ProRule:PRU00981, ECO:0000269   PubMed:22777675}
<b>Tissue Location</b>	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

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