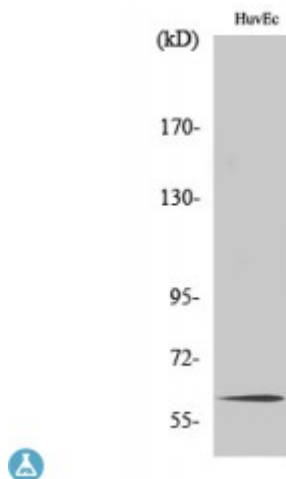


Anti-TCF-4/12 antibody



Description	Rabbit polyclonal to TCF-4/12.
Model	STJ95945
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human TCF-4/12
Immunogen Region	550-630 aa, C-terminal
Gene ID	6925
Gene Symbol	TCF4
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	TCF-4/12 Polyclonal Antibody detects endogenous levels of TCF-4/12 protein.
Tissue Specificity	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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

Molecular Weight	60 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11634 OMIM:602272
Alternative 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
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 . Preferentially binds to either 5'-ACANNTGT-3' or 5'-CCANNTGG-3'.
Sequence and Domain Family	the 9aaTAD motif is a transactivation domain present in a large number of yeast and animal transcription factors.
Cellular Localization	Nucleus

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