Immunotag™ TCF20 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN1426
Product Description	Immunotag™ TCF20 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TCF20
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TCF20 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	TCF20 KIAA0292 SPBP
Accession No.	Q9UGU0 Q9EPQ8
Description	transcription factor 20(TCF20) Homo sapiens This gene encodes a transcription factor that recognizes the platelet-derived growth factor-responsive element in the matrix metalloproteinase 3 promoter. The encoded protein is thought to be a transcriptional coactivator, enhancing the activity of transcription factors such as JUN and SP1. Mutations in this gene are associated with autism spectrum disorders. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015],

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Protein Expression	Brain,Epithelium,
Subcellular Localization	nucleus,nucleoplasm,
Protein Function	domain:The atypical PHD domain functions as a negative modulator of cofactor binding.,function:Transcriptional activator that binds to the regulatory region of MMP3 and thereby controls stromelysin expression. It stimulates the activity of various transcriptional activators such as JUN, SP1, PAX6 and ETS1, suggesting a function as a coactivator.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 A.T hook DNA-binding domain.,similarity:Contains 1 PHD-type zinc finger.,subunit:Homodimer (Probable). Interacts with RNF4 and JUN.,tissue specificity:Expressed in most tissues, except in ovary and prostate. Isoform 1 is exclusively expressed in brain, heart and testis, and this form predominates in liver and kidney. Isoform 2 predominates in lung.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.