TCF20 Monoclonal Antibody

Catalog No	BYmab-06296
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	TCF20 KIAA0292 SPBP
Protein Name	Transcription factor 20 (TCF-20) (Nuclear factor SPBP) (Protein AR1) (Stromelysin-1 PDGF-responsive element-binding protein) (SPRE-binding protein)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TCF20 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	215kD
Cell Pathway	Nucleus .
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.
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.,
Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images