



TCF20 Polyclonal Antibody

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| Catalog No | BYab-06296 |
| Isotype | IgG |
| Reactivity | Human;Mouse |
| Applications | WB;ELISA |
| 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 Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 ELISA 1:5000-20000 |
| 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, |

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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