

产品概述

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| 产品名 (Product Name) | Anti TBP mouse monoclonal antibody |
| 货号 (Catalog No.) | ATMA10064Mo |
| 种类 (Category) | Primary antibody |
| 宿主 (Host) | Mouse |
| 反应种属 (Species specificity) | Homo sapiens (Human), Predict react with Rattus norvegicus (Rat), Mus musculus (Mouse). |
| 应用实验 (Tested applications) | WB |
| 克隆性 (Clonality) | Monoclonal |
| 克隆编号 (Clone No.) | 53A2 |
| 偶连物 (Conjugation) | Unconjugated |
| 免疫原 (Immunogen) | Synthesis peptide from N-terminal. |
| 别名 | TATA-box-binding protein, TATA sequence-binding protein, TATA-binding factor, TATA-box factor, Transcription initiation factor TFIID TBP subunit. |
| Uniprot ID | P20226 |
| Note | For research use only . |

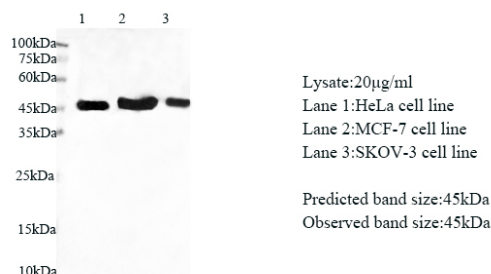
产品性能

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| 状态 (Form) | Liquid |
| 储存溶液 (Buffer) | Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol. |
| 存放条件 (Storage) | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt. |
| 浓度 (Concentration) | 0.5mg/ml |
| 亚型 (Isotype) | IgG1 |
| 分子量 (MW) | 43kDa |
| 纯化方式 (Purity) | Protein G purification |

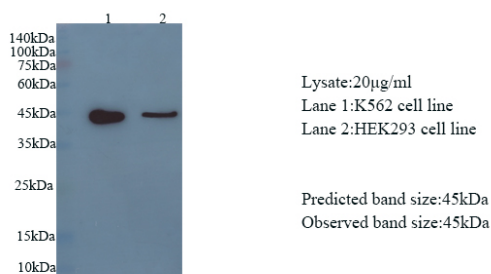
应用

WB: 1:1000~4000

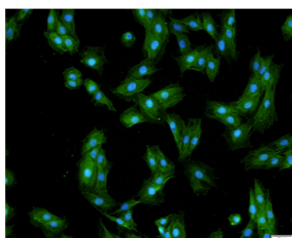
产品实验图片



Various lysates were subjected to SDS PAGE followed by western blot with TATA binding protein antibody at dilution of 1:2000.



Various lysates were subjected to SDS PAGE followed by western blot with TATA binding protein antibody at dilution of 1:2000.



Immunofluorescent analysis of H929 cells using α TATA binding protein antibody at dilution of 1:100 and Alexa Fluor-488 conjugated Affinipure Goat anti mouse IgG(H+L).

产品背景

The TATA binding protein (TBP) is a transcription factor that binds specifically to a DNA sequence TATA box. This DNA sequence is found about 25-30 base pairs upstream of the transcription start site in some eukaryotic gene promoters. TBP, along with a variety of TBP-associated factors, make up the TFIID, a general transcription factor that in turn makes up part of the RNA polymerase II preinitiation complex. As one of the few proteins in the preinitiation complex that binds DNA in a sequence-specific manner, it helps position RNA polymerase II over the transcription start site of the gene.