

通用转录因子 II A 亚基 1/TFIIA- α 抗体

产品货号： mlR16410

英文名称： GTF2A1 alpha

中文名称： 通用转录因子 II A 亚基 1/TFIIA- α 抗体

别名： General transcription factor IIA subunit 1; General transcription factor IIA1; Glucose regulated protein 58kD pseudogene; gtf2a1; TF2A1; TF2AA_HUMAN; TFIIA 42; TFIIA alpha p55; TFIIA alpha p55, isoform 1; TFIIA p35 subunit; TFIIA-42; TFIIAL; Transcription initiation factor IIA alpha chain; Transcription initiation factor IIA subunit 1; Transcription initiation factor TFIIA 42 kDa subunit.

研究领域： 细胞生物 转录调节因子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 35/42kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human GTF2A1 alpha:1-100/376

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and several general initiation factors (summarized by DeJong and Roeder, 1993 [PubMed 8224848]). One of these factors is TFIIA, which when purified from HeLa extracts consists of 35-, 19-, and 12-kD subunits.[supplied by OMIM, Jul 2010]

Function:

TFIIA is a component of the transcription machinery of RNA polymerase II and plays an important role in transcriptional activation. TFIIA in a complex with TBP mediates transcriptional activity.

Subcellular Location:

Nucleus.

Post-translational modifications:

The alpha and beta subunits are postrationally produced from the precursor form by TASP1. The cleavage promotes proteasomal degradation.

Similarity:

Belongs to the TFIIA subunit 1 family.

SWISS:

P52655

Gene ID:

2957

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.