

## 高迁移率族蛋白 N3 抗体

产品货号： mIR18055

英文名称： HMGN3

中文名称： 高迁移率族蛋白 N3 抗体

别名： DKFZp686E20226; FLJ42187; High mobility group nucleosomal binding domain 3; High mobility group nucleosome-binding domain-containing protein 3; HMGN3; HMGN3\_HUMAN; OTTHUMP00000016772; OTTHUMP00000016773; PNAS 24; PNAS 25; PNAS24; PNAS25; Thyroid hormone receptor interacting protein 7; Thyroid receptor-interacting protein 7; TR-interacting protein 7; TRIP 7; TRIP-7; TRIP7.

研究领域： 细胞生物 免疫学 生长因子和激素 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, Cow, Rabbit,

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： 11kDa

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 HMGN3:1-60/99

**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：** Thyroid hormone receptors are hormone-dependent transcription factors that regulate expression of a variety of specific target genes. The protein encoded by this gene binds thyroid hormone receptor beta, but only in the presence of thyroid hormone. The encoded protein, a member of the HMGN protein family, is thought to reduce the compactness of the chromatin fiber in nucleosomes, thereby enhancing transcription from chromatin templates. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011]

**Function:**

Binds to nucleosomes, regulating chromatin structure and consequently, chromatin-dependent processes such as transcription, DNA replication and DNA repair. Affects both insulin and glucagon levels and modulates the expression of pancreatic genes involved in insulin secretion. Regulates the expression of the glucose transporter SLC2A2 by binding specifically to its promoter region and recruiting PDX1 and additional transcription factors. Regulates the expression of SLC6A9, a glycine transporter which regulates the glycine concentration in synaptic junctions in the central nervous system, by binding to its transcription start site. May play a role in ocular development and astrocyte function.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Expressed in kidney, lung, pancreas, testis, skeletal muscle, heart, thyroid gland, pituitary gland, prostate and uterus. Low expression in liver, spleen, placenta and ovaries.

**Similarity:**

Belongs to the HMGN family.

**SWISS:**

Q15651

**Gene ID:**

9324

**Important Note:**

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

产品图片

