

HMGN3 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14747**Specification**

HMGN3 antibody - middle region - Product Information

Application	WB
Primary Accession	Q15651
Other Accession	NM_001201362 , NP_001188291
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10kDa KDa

HMGN3 antibody - middle region - Additional Information**Gene ID** 9324**Alias Symbol** DKFZp686E20226, PNAS-24, PNAS-25, TRIP7**Other Names**

High mobility group nucleosome-binding domain-containing protein 3, Thyroid receptor-interacting protein 7, TR-interacting protein 7, TRIP-7, HMGN3, TRIP7

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-HMGN3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

HMGN3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

HMGN3 antibody - middle region - Protein Information**Name** HMGN3**Synonyms** TRIP7**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 (By similarity).

Cellular Location

Nucleus.

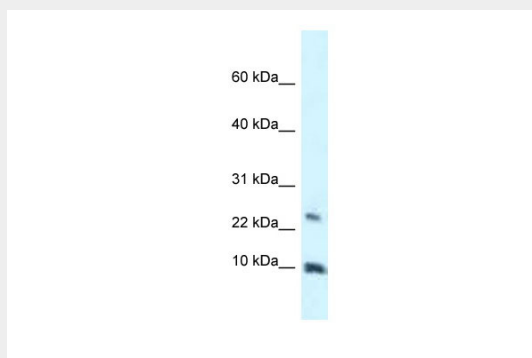
Tissue Location

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

HMGN3 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HMGN3 antibody - middle region - Images

WB Suggested Anti-HMGN3 Antibody Titration: 1.0 µg/ml

Positive Control: 721_B Whole CellHMGN3 is supported by BioGPS gene expression data to be expressed in 721_B

HMGN3 antibody - middle region - References

- Lee J.W.,et al.Mol. Endocrinol. 9:243-254(1995).
Leong P.W.,et al.Virology 295:147-159(2002).
Yu W.-Q.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
Go V.S.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).