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Datasheet for ABIN7155197

anti-HMGN3 antibody (AA 1-77) (Biotin)

Overview

Quantity:	100 µg
Target:	HMGN3
Binding Specificity:	AA 1-77
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGN3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human High mobility group nucleosome-binding domain-containing protein 3 protein (1-77AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HMGN3
Alternative Name:	HMGN3 (HMGN3 Products)
Background:	Background: Binds to nucleosomes, regulating chromatin structure and consequently,

Target Details

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).

Aliases: DKFZp686E20226 antibody, FLJ42187 antibody, High mobility group nucleosomal binding domain 3 antibody, High mobility group nucleosome-binding domain-containing protein 3 antibody, HMGN3 antibody, HMGN3_HUMAN antibody, OTTHUMP00000016772 antibody, OTTHUMP00000016773 antibody, PNAS 24 antibody, PNAS 25 antibody, PNAS24 antibody, PNAS25 antibody, Thyroid hormone receptor interacting protein 7 antibody, Thyroid receptor-interacting protein 7 antibody, TR-interacting protein 7 antibody, TRIP 7 antibody, TRIP-7 antibody, TRIP7 antibody

UniProt: [Q15651](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.