

Anti-Histone H1.0 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 21 kDa. Actual: 32 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Mouse Liver tissue lysates Lane 2: Rat Liver tissue lysates Lane 3: Human THP-1 cell lysates Lane 4: Human A431 cell lysates
Verified Activity:	Primary: Anti-Histone H1.0 (TMAB-07056) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21 kDa Observed band size: 32 kDa
Application:	WB,ELISA,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; ELISA: 1:5000-10000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Histone H1.0
Antigen Species:	Human
Gene ID:	3005
Uniprot ID:	P07305

Research Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-independent histone that is a member of the histone H1 family. [provided by RefSeq, Oct 2015]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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