bsm-52095R

[Primary Antibody]

Histone H1.0 Recombinant Rabbit mAb



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- DATASHEET		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Recombinant	CloneNo.: 8H1	IHC-P (1:200-1000)
GenelD: 3005	SWISS: P07305	IHC-F (1:200-1000) IF (1:200-1000)
Target: Histone H1.0		ICC/IF (1:100-500)
Immunogen: A synthesized peptide derived from human Histone H1.0: 1-48/194		Reactivity: Human, Mouse, Rat
Purification: affinity purified by Protein A		······································
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: ^{21 kDa} Subcellular
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]		
- VALIDATION IMAGES		
$\frac{100}{140} = \frac{100}{140} = $		
25 ug total protein per lane of various lysates (see on figure) probed with Histone H1.0 monoclonal antibody, unconjugated	Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The	Paraformaldehyde-fixed, paraffin embedded Rat Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was

(see on figure) probed with Histone H1.0 monoclonal antibody, unconjugated (bsm-52095R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min. Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Histone H1.0 Monoclonal Antibody, Unconjugated (bsm-52095R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

citrate buffer (pH6.0) for 15 min; The section was incubated with Histone H1.0 Monoclonal Antibody, Unconjugated (bsm-52095R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

- SELECTED CITATIONS -

• [IF=2.21] Qiangbin Zhu. et al. Expression of histone H1 in rats with traumatic brain injury and the effect of the NLRP3 inflammasome pathway. WORLD NEUROSURG. 2022 Dec;: WB ;Rat. 36509326