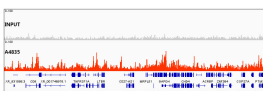


Anti-Histone H3.3 Antibody [ARC0255] (A306483)

Specifications:

Name:	Anti-Histone H3.3 Antibody [ARC0255]
Description:	Rabbit monoclonal [ARC0255] antibody to Histone H3.3.
Applications:	WB, IHC, IP, ChIP, ChIP-seq
Recommended Dilutions:	WB: 1:500-1:2,000, IHC: 1:50-1:200, IP: 1:500-1:1,000, ChIP: 1:500-1:1,000, ChIP-seq: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 57-136 of human Histone H3.3 (P84243).
Sequence:	KSTELLIRKLPFQRLVREIAQDFKTDLRFQSA AIGALQEASEAYLVGLFEDTNLCAIH AKRVTIMPKDIQLARRIRGERA
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	ARC0255
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	17 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol, 0.05% BSA, and 0.02% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

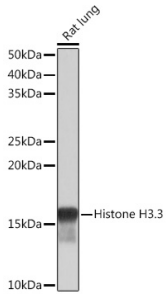
Images:



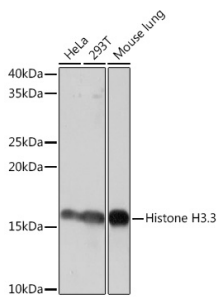
Chromatin immunoprecipitations analysis of cross-linked chromatin from HeLa cells, using Anti-Histone H3.3 Antibody [ARC0255] (A306483). The ChIP sequencing results indicate the enrichment pattern of Histone H3.3 in selected genomic region and representative gene loci (GAPDH), as shown in figure.

Anti-Histone H3.3 Antibody [ARC0255] (A306483)

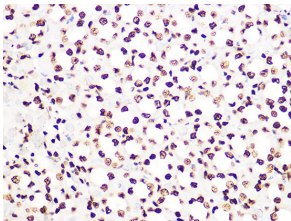
Images continued:



Western blot analysis of extracts of Rat lung, using Anti-Histone H3.3 Antibody [ARC0255] (A306483) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 μ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using Anti-Histone H3.3 Antibody [ARC0255] (A306483) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 μ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded rat kidney using Anti-Histone H3.3 Antibody [ARC0255] (A306483) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.