



Antibody Specification

Description	histone cluster 1 H3 family member a(HIST1H3A) Homo sapiens Histones are basic nuclear proteins that are the major structural components of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped twice around a core of eight histone protein molecules, two molecules each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted by the association of the fiber with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a protein that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a 3' UTR that is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],
Cell Pathway/ Category	Systemic lupus erythematosus,
Protein Expression	Blood,Epithelium,Kidney,Lung,Ovary,Spleen,Uterus,
Subcellular Localization	nuclear chromosome,nuclear chromosome, telomeric region,nucleosome,nuclear nucleosome,extracellular space,cell-cell junction,membrane,protein complex,extracellular exosome,



