



Rabbit anti-Human HIST2H2AA4 polyclonal antibody (CABT-B9658)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Protein, antigen sequence:MSGRGKQGGKARAKAKSRSSRAGLQFPVGRVHLLRKGNYAERVGAGAPVY MAAVLEYLTAEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKLLGKVTIAQGGVLPN IQAVLLPKKTESHKAKGK (1-130aa encoded by BC001629)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Molecular Weight	14 kDa
Positive Control	L02 cells, Jurkat cells, K-562 cells, mouse liver tissue, rat liver tissue
Format	Liquid
Size	100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Storage	Store at -20°C.

BACKGROUND

Introduction

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the telomeric copy.

Keywords

HIST2H2AA4; histone cluster 2, H2aa4; H2A/R; histone H2A type 2-A; histone H2A/r; histone 2, H2aa4;

GENE INFORMATION

Entrez Gene ID

[723790](#)

UniProt ID

[Q6FI13](#)