9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

45-1048: Rabbit Polyclonal Antibody to Histone H3 (Discontinued)

Clonality :	Polyclonal
Application :	ICC,WB
Reactivity :	Human
Gene :	HIST1H3A
Gene ID :	8350
Uniprot ID :	P68431
Format :	Purified
Alternative Name :	Histone H3/a, Histone H3/b, Histone H3/c,Histone H3/d, Histone H3/f, Histone H3/h, Histone H3/I, Histone H3/j, Histone H3/k, Histone H3/l
Isotype :	Rabbit IgG
Immunogen Information :	KLH-coupled synthetic peptide from C-terminal of human Histone H3 .

Description

Histone H3 is the core component of nucleosome. It has been implicated in nucleosomes wrap and compacts DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. Rabbit Anti-Histone H3 Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide from C-terminal of human Histone H3 (Swiss Prot: P68431).

Product Info

Amount :	40 µg
Purification :	Immunoaffinity chromatography.
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide.
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

Western blot: 0.5-1 µg/ml
ICC/IF: 1-3 µg/ml

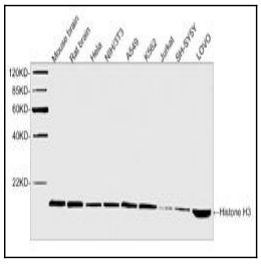


Figure-1 : Western blot analysis of Histone H3 Antibody at 1 µg/ml on mouse brain, Rat brain tissue lysates & Hela, NIH3T3, A549, K562, Jurkat, SH-SY-5Y, LOVO cell lysates, IRDye 800 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

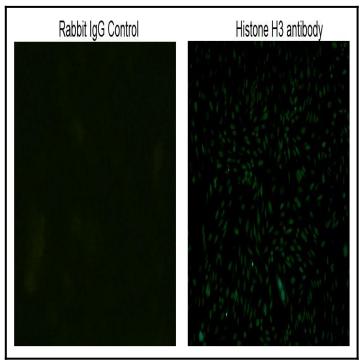


Figure-2 : Immunocytochemical analysis (Left) & Immunofluorescence analysis (Right) of Histone H3 antibody on Histone H3 protein with CHO cells and Rabbit IgG Control (Whole Molecule), FITC conjugated Goat Anti-Rabbit IgG was used as secondary antibody.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.