

Histone H3 Rabbit Polyclonal Antibody

Catalog No.: RTA50

Basic Information

Information

Reactivity	C. Elegans,H,M,R,Yeast
Immunogen	Recombinant Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	17KD

Applications

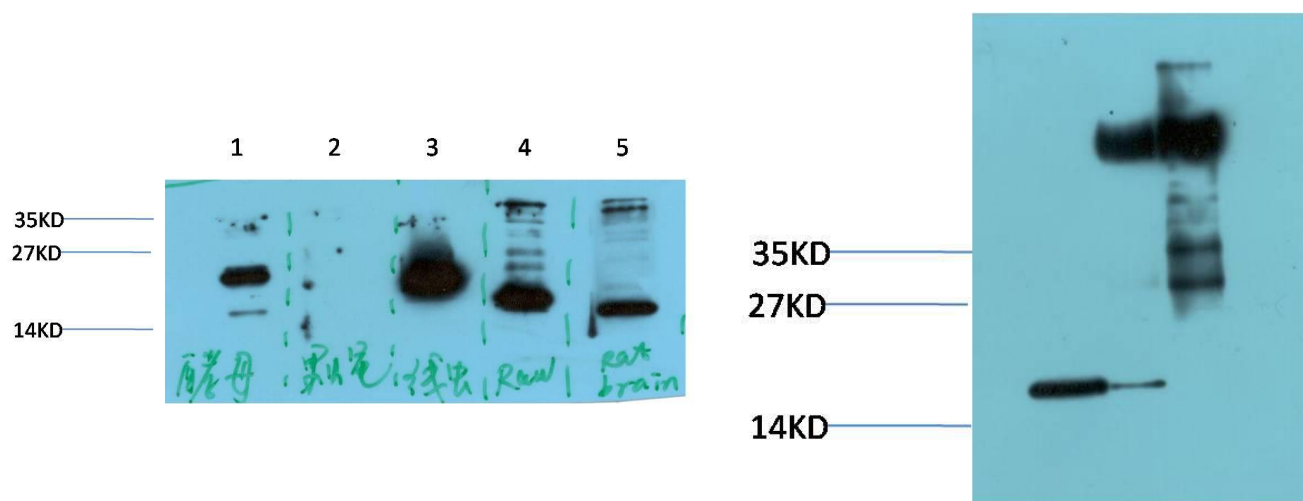
Recommended Dilution

WB	1:2,000-5,000
IP	5ul/mg protein

Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of 1) Yeast Lysate, 2) Drosophila Melanogaster Lysate, 3) C. elegans Lysate, 4) Raw Cell Lysate, 5) Rat Brain Tissue Lysate using Histone H3 Rabbit pAb diluted at 1:5,000

IP: Western blot analysis of 1) HeLa Cell Lysate INPUT, 2) HeLa Cell Lysate Histone H3 Rabbit pAb, 3) HeLa Cell Lysate Rabbit Control IgG, using Histone H3 Rabbit pAb diluted at 1:5,000.

Background

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact 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.