



## Histone H3 Antibody

CATALOG NUMBER: 70-270

### Specifications

<b>SPECIES REACTIVITY:</b>	Bovine, Human
<b>TESTED APPLICATIONS:</b>	ICC, IHC, IP, WB
<b>APPLICATIONS:</b>	Histone H3 Antibody can be used for immunocytochemistry starting at 1:100, immunohistochemistry (tested on paraffin embedded tissues) starting at 5 ug/mL and Western Blot starting at 1:300.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>SPECIFICITY:</b>	Minimal cross-reactivity with linker histone H1 and no cross-reactivity with histone core proteins H2A, H2B, or H4.
<b>IMMUNOGEN:</b>	Intact calf histone H3 at 15.4 kD, 136 amino acids, complexed with RNA. Calf histone H3 has 100% identity to many other mammalian histone H3 proteins.
<b>HOST SPECIES:</b>	Sheep

### Properties

<b>PURIFICATION:</b>	Protein G Column
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Phosphate buffered saline, pH 7.4
<b>STORAGE CONDITIONS:</b>	Histone H3 antibody may be stored at Aliquot and freeze at -20° C. Avoid freeze-thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>ISOTYPE:</b>	IgG
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ACCESSION NO.:</b>	P68432
<b>PROTEIN GI NO.:</b>	55977056
<b>OFFICIAL SYMBOL:</b>	H3.1
<b>GENE ID:</b>	787528

### Background

FOR RESEARCH USE ONLY

December 13, 2016