

## Anti-Histone H3.1 antibody (1-80) (STJ93526)

STJ93526

### GENERAL INFORMATION

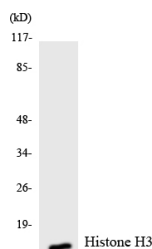
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Histone H3.1 (1-80) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF-P, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

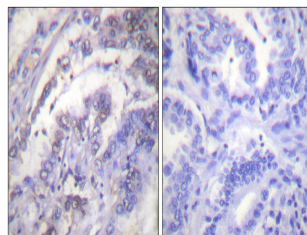
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

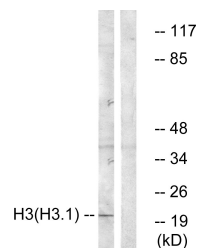
<b>Gene ID</b>	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
<b>Gene Symbol</b>	H3C1.H3C2.H3C3.H3C4.H3C6.H3C7.H3C8.H3C10.H3C11.H3C12
<b>Uniprot ID</b>	H31_HUMAN
<b>Immunogen Region</b>	The antiserum was produced against synthesized peptide derived from human Histone H3 at amino acid range 1-50
<b>Immunogen Region</b>	1-80
<b>Specificity</b>	Histone H3.1 polyclonal antibody (Histone H3.1) binds to endogenous Histone H3.1 at the amino acid region 1-80.
<b>Immunogen Sequence</b>	



Western blot analysis of the lysates from K562 cells using Histone H3 antibody.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Histone H3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from A549 cells, using Histone H3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of KB 22RV1 HELA using Histone H3 Polyclonal Antibody. Antibody was diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventibiotech, MN, USA).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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