

## OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

## AP26057PU-S OriGene EU

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11

info@acris-antibodies.com

## Polyclonal Antibody to H2B (41-45) - Aff - Purified

Alternate names:	GL105, H2BQ
Catalog No.:	AP26057PU-S
Quantity:	50 μl
<b>Concentration:</b>	1.0 mg/ml
Background:	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. DNA accessibility is regulated via a complex set of post- translational modifications of histones, also called histone code, and nucleosome remodeling.
Host:	Rabbit
Immunogen:	Peptide sequence around amino acids 41~45 derived from Human H2B <b>AA Sequence:</b> Y-V-Y-K-V
Format:	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Affinity Chromatography using epitope-specific peptide <b>Buffer System:</b> PBS (without Mg2+ and Ca2+), pH 7.4 containing 150mM NaCl, 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer
Applications:	Western blot: 1/500-1/1000. Incubate membrane with diluted antibody in 5% nonfat milk, 1xTBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects endogenous level of total H2B protein. <b>Species:</b> Human, Mouse, Rat. Other species not tested.
Add. Information:	Molecular Weight: 14 kDa
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Borchert GM,et al. (2010) PLoS One.5(7):e11641. 2. Pennini ME,et al.(2010) PLoS Pathog.6(7):e1000995. 3. Lu C,et al. (2010) Sci China Life Sci.53(6):663-8.

**For research and in vitro use only. Not for diagnostic or therapeutic work.** Material Safety Datasheets are available at www.acris-antibodies.com or on request.



OG/20130514

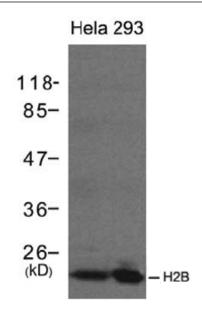
Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com

1٢

AP26057PU-S: Polyclonal Antibody to H2B (41-45) - Aff - Purified

Pictures:

Western blot analysis of extracts from Hela and 293 cells using H2B antibody AP26057PU-N.



**For research and in vitro use only. Not for diagnostic or therapeutic work.** Material Safety Datasheets are available at www.acris-antibodies.com or on request. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



OG/20130514