

## Product datasheet for **TA387569**

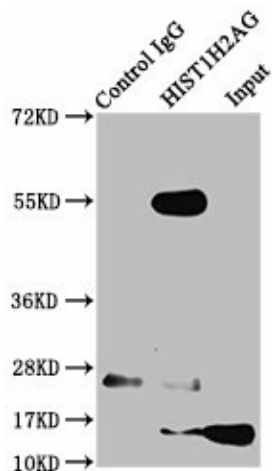
### H2AC11 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	Recommended dilution: WB:1:100-1:1000, IP:1:200-1:2000
Reactivity:	Rat, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide sequence around site of Lys (74) derived from Human Histone H2A type 1
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Concentration:	lot specific
Purification:	Antigen Affinity Purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">P0C0S8</a>
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.



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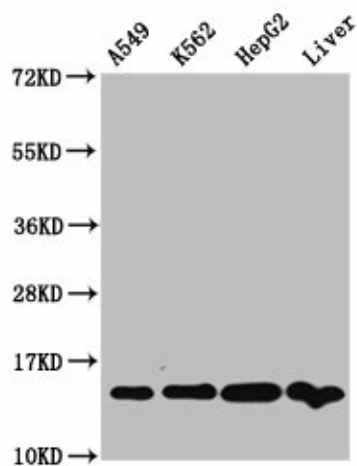
**Product images:**


Immunoprecipitating HIST1H2AG in HepG2 whole cell lysate

Lane 1: Rabbit control IgG instead of TA387569 in HepG2 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: TA387569 (5µg) + HepG2 whole cell lysate (500µg)

Lane 3: HepG2 whole cell lysate (20µg)



Western Blot

Positive WB detected in: A549 whole cell lysate, K562 whole cell lysate, HepG2 whole cell lysate, Rat liver tissue

All lanes: HIST1H2AG antibody at 1µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 15 kDa

Observed band size: 15 kDa