



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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<b>Product Number</b>	ARP57281_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/h2afy2-antibody-middle-region-hrp-arp57281-p050-hrp.html">www.avivasysbio.com/h2afy2-antibody-middle-region-hrp-arp57281-p050-hrp.html</a>
<b>Name</b>	H2AFY2 Antibody - middle region : HRP (ARP57281_P050-HRP)
<b>Protein Size (# AA)</b>	372 amino acids
<b>Molecular Weight</b>	40kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	55506
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	H2A histone family, member Y2
<b>Alias Symbols</b>	H2AFY2
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">PRIHPELLAKKRGTKGKSETILSPPEKRGKRKATSGKKGGKSKAAKPRT</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Description of Target</b>	H2AFY2 is the variant histone H2A which replaces conventional H2A in a subset of nucleosomes where it represses transcription. 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. H2AFY2 may be involved in stable X chromosome inactivation.
<b>Protein Interactions</b>	UBC; SUZ12; EED; WWP1; CBX5; DIDO1; SUMO1; HDGF; tat;
<b>Reconstitution and Storage</b>	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-H2AFY2 (ARP57281_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-H2AFY2 (ARP57281_P050-HRP) antibody is <a href="#">Catalog# AAP57281</a> (Previous Catalog # AAPP41042)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human H2AFY2
<b>Uniprot ID</b>	<a href="#">Q9P0M6</a>
<b>Protein Name</b>	Core histone macro-H2A.2
<b>Protein Accession #</b>	<a href="#">NP_061119</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_018649</a>
<b>Gene Symbol</b>	<a href="#">H2AFY2</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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