



# SZABO SCANDIC

Part of Europa Biosite

## 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP58232_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/krt7-antibody-n-terminal-region-hrp-arp58232-p050-hrp.html">www.avivasysbio.com/krt7-antibody-n-terminal-region-hrp-arp58232-p050-hrp.html</a>
Name	KRT7 Antibody - N-terminal region : HRP (ARP58232_P050-HRP)
Protein Size (# AA)	469 amino acids
Molecular Weight	52kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3855
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Keratin 7
Alias Symbols	K7, CK7, SCL, K2C7
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">SIHFSSPVFTRSRAAFSGRGAQVRLSSARPGGLGSSSLYGLGASRPRVAV</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Judson,K., (2008) Int. J. Gynecol. Pathol. 27 (2), 182-190
Description of Target	<p>KRT7 is a member of the keratin protein family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. The protein encoded by this gene is a member of the keratin gene family.</p> <p>The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p>
Protein Interactions	UBC; COG7; COG3; KDM1A; AP3S1; ATF2; ERLIN2; DIDO1; PCNA; KRT27; ATF7IP; LAPTM5; KRT17; KRT13; HSPA1A; EGFR; GRB2; EIF3A;
Reconstitution and Storage	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.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-KRT7 (ARP58232_P050-HRP) antibody</a>
Blocking Peptide	For anti-KRT7 (ARP58232_P050-HRP) antibody is <a href="#">Catalog# AAP58232</a> (Previous Catalog# AAPP32831)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KRT7
Uniprot ID	<a href="#">A5A6N0</a>
Protein Name	Keratin, type II cytoskeletal 7
Protein Accession #	<a href="#">NP_005547</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_005556</a>
Gene Symbol	<a href="#">KRT7</a>

<b>Predicted Species Reactivity</b>	Human, Cow, Dog, Horse
<b>Application</b>	WB, IHC
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 79%; Dog: 79%; Horse: 86%; Human: 100%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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.

---

AVIVA SYSTEMS BIOLOGY  
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)