



# 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	ARP56350_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/mmp13-antibody-middle-region-biotin-arp56350-p050-biotin.html">www.avivasysbio.com/mmp13-antibody-middle-region-biotin-arp56350-p050-biotin.html</a>
Name	MMP13 Antibody - middle region : Biotin (ARP56350_P050-Biotin)
Protein Size (# AA)	471 amino acids
Molecular Weight	42kDa
Conjugation	Biotin
NCBI Gene Id	4322
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Matrix metalloproteinase 13 (collagenase 3)
Alias Symbols	CLG3, MDST, MANDP1, MMP-13
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">HFMLPDDDDVQGIQSLYGPGEDEPNPKHPKTPDKCDPSLSLDAITSLRGET</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Borghese, B., (2008) Hum. Reprod. 23 (5), 1207-1213
Description of Target	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as art
Protein Interactions	ADAMTS5; MMP14; BCAN; MMP13; F12; TIMP3; CCL7; COL2A1; LRP1;
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-MMP13 (ARP56350_P050-Biotin) antibody</a>
Blocking Peptide	For anti-MMP13 (ARP56350_P050-Biotin) antibody is <a href="#">Catalog # AAP56350</a> (Previous Catalog # AAPP38415)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MMP13
Uniprot ID	<a href="#">P45452</a>
Protein Name	Collagenase 3
Publications	Park, Y. S. et al. Controlled release of simvastatin from in situ forming hydrogel triggers bone formation in MC3T3-E1 cells. AAPS J. 15, 367-76 (2013). <b>WB, Human, Pig, Horse, Rabbit, Rat, Guinea pig, Sheep, Dog, Mouse, Bovine, Yeast</b> <a href="#">23250670</a>
Protein Accession #	<a href="#">NP_002418</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_002427</a>
Gene Symbol	<a href="#">MMP13</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Yeast
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 86%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Sheep: 93%; Yeast: 83%
<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)