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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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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

www.szabo-scandic.com

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

Product Number	ARP54824_P050-Biotin
Product Page	www.avivasysbio.com/akr7a3-antibody-middle-region-biotin-arp54824-p050-biotin.html
Name	AKR7A3 Antibody - middle region : Biotin (ARP54824_P050-Biotin)
Protein Size (# AA)	331 amino acids
Molecular Weight	37kDa
Conjugation	Biotin
NCBI Gene Id	22977
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase)
Alias Symbols	AFAR2
Peptide Sequence	Synthetic peptide located within the following region: VETELFPCLRHFGLRFYAFNPLAGLLTGKYKYEDKNGKQPVGRFFGNTW
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Gregory,S.G., (2006) Nature 441 (7091), 315-321
Description of Target	Aldo-keto reductases, such as AKR7A3, are involved in the detoxification of aldehydes and ketones. Aldo-keto reductases, such as AKR7A3, are involved in the detoxification of aldehydes and ketones. [supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-291 BM855386.1 13-303 292-719 BM920315.1 256-683 720-1015 BC031562.1 662-957 1016-1231 BG747063.1 249-464 1232-1241 AA844782.1 59-68 c 1242-1301 BC042420.1 1208-1267
Protein Interactions	AKR7A3; BAG3; TERF2IP; AKR7A2;
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 anti-AKR7A3 (ARP54824_P050-Biotin) antibody
Blocking Peptide	For anti-AKR7A3 (ARP54824_P050-Biotin) antibody is Catalog # AAP54824 (Previous Catalog # AAPP31628)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human AKR7A3
Uniprot ID	O95154
Protein Name	Aflatoxin B1 aldehyde reductase member 3
Protein Accession #	NP_036199
Purification	Affinity Purified
Nucleotide Accession #	NM_012067
Gene Symbol	AKR7A3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 93%; Rat: 86%; Zebrafish: 79%

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