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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53506_P050-HRP
Product Page	www.avivasysbio.com/akr1c2-antibody-n-terminal-region-hrp-arp53506-p050-hrp.html
Name	AKR1C2 Antibody - N-terminal region : HRP (ARP53506_P050-HRP)
Protein Size (# AA)	323 amino acids
Molecular Weight	37kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	1646
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III)
Alias Symbols	DD, DD2, TDD, BABP, DD-2, DDH2, HBAB, HAKRD, MCDR2, SRXY8, DD/BABP, AKR1C-pseudo
Peptide Sequence	Synthetic peptide located within the following region: LEAVKLAIEAGFHHIDSAHVYNNEEQVGLAIRSKIADGSVKREDIFYTSK
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols using NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme binds bile acid with high affinity, and shows minimal 3-alpha-hydroxysteroid dehydrogenase activity. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14.
Protein Interactions	UBC; AKR1C2;
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-AKR1C2 (ARP53506_P050-HRP) antibody
Blocking Peptide	For anti-AKR1C2 (ARP53506_P050-HRP) antibody is Catalog # AAP53506 (Previous Catalog # AAP42316)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human AKR1C2
Uniprot ID	P52895
Protein Name	Aldo-keto reductase family 1 member C2
Protein Accession #	NP_995317
Purification	Affinity Purified
Nucleotide Accession #	NM_205845
Gene Symbol	AKR1C2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Sheep: 86%

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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