

Product datasheet for **TA344167**

AKR1B10 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AKR1B10 antibody: synthetic peptide directed towards the N terminal of human AKR1B10. Synthetic peptide located within the following region: NEHEVGAIQEKIQEKAVKREDFIVSKLWPTFFERPLVRKAFKTLKDL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	aldo-keto reductase family 1, member B10 (aldose reductase)
Database Link:	NP_064695 Entrez Gene 57016 Human O60218



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Background: AKR1B10 is a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member can efficiently reduce aliphatic and aromatic aldehydes, and it is less active on hexoses. It is highly expressed in adrenal gland, small intestine, and colon, and may play an important role in liver carcinogenesis. This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member can efficiently reduce aliphatic and aromatic aldehydes, and it is less active on hexoses. It is highly expressed in adrenal gland, small intestine, and colon, and may play an important role in liver carcinogenesis.

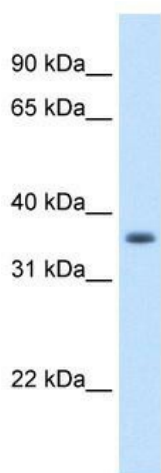
Synonyms: AKR1B11; AKR1B12; ALDRLn; ARL-1; ARL1; HIS; HSI

Note: Immunogen Sequence Homology: Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Yeast: 100%; Rabbit: 100%; Zebrafish: 100%; Rat: 93%; Bovine: 93%; Pig: 79%; Guinea pig: 79%

Protein Families: Druggable Genome

Protein Pathways: Butanoate metabolism, Fructose and mannose metabolism, Linoleic acid metabolism, Metabolic pathways

Product images:



WB Suggested Anti-AKR1B10 Antibody Titration: 1.25 ug/ml; Positive Control: A549 cell lysate; AKR1B10 is supported by BioGPS gene expression data to be expressed in A549