

Product datasheet for **TA343067**

AKR1D1 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-AKR1D1 antibody: synthetic peptide directed towards the middle region of human AKR1D1. Synthetic peptide located within the following region: YVDLYIIIEVPMFAFKPGDEIYPRDENGKWLYHKSNLKATWEAMEACKDAGL
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	aldo-keto reductase family 1, member D1
Database Link:	NP_005980 Entrez Gene 6718 Human P51857
Background:	The enzyme encoded by this gene is responsible for the catalysis of the 5-beta-reduction of bile acid intermediates and steroid hormones carrying a delta(4)-3-one structure. Deficiency of this enzyme may contribute to hepatic dysfunction. Three transcript variants encoding different isoforms have been found for this gene. Other variants may be present, but their full-length natures have not been determined yet.
Synonyms:	3o5bred; CBAS2; SRD5B1



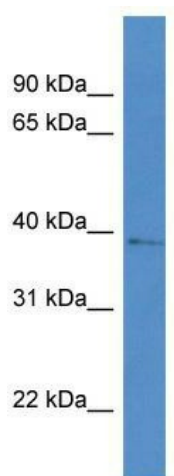
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Note: Immunogen Sequence Homology: Human: 100%; Rabbit: 100%; Dog: 93%; Horse: 93%;
Mouse: 92%; Pig: 86%; Bovine: 86%; Rat

Protein Families: Druggable Genome

Protein Pathways: Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways,
Primary bile acid biosynthesis

Product images:



WB Suggested Anti-AKR1D1 Antibody; Titration:
1.0 ug/ml; Positive Control: RPMI-8226 Whole Cell