

Product datasheet for **TA363611**

AKR1D1 Rabbit Polyclonal Antibody

Product data:

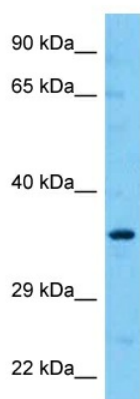
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of rat AKR1D1
Specificity:	Expected reactivity: Rat
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	35 kDa
Gene Name:	aldo-keto reductase family 1, member D1
Database Link:	NP_001177835.1 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
Protein Families:	Druggable Genome



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

Product images:



Host: Rabbit
Target Name: AKR1D1
Sample Type: Mesenchymoma Tumor Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: AKR1D1
Sample Tissue: Human Mesenchymoma Tumor lysates
Antibody Dilution: 1 μ g/ml