

Product datasheet for **TA358306**

AKR1CL2 (AKR1E2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat Homology: Cow: 79%; Dog: 82%; Guinea Pig: 86%; Horse: 79%; Human: 100%; Mouse: 79%; Rat: 86%
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:	36kDa
Gene Name:	aldo-keto reductase family 1, member E2
Database Link:	NP_001035267 Entrez Gene 83592 Human Q96JD6
Background:	AKR1E2 catalyzes the NADPH-dependent reduction of 1,5-anhydro-D-fructose (AF) to 1,5-anhydro-D-glucitol. It can also catalyze the reduction of various aldehydes and quinones. AKR1E2 has low NADPH-dependent reductase activity towards 9,10-phenanthrenequinone (in vitro).
Synonyms:	Akr1cl2; Akr1e1
Protein Families:	Druggable Genome



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Product images:



WB Suggested Anti-AKR1E2 Antibody
Titration: 1.0 ug/ml
Positive Control: Fetal Lung