



## AKR1CL2 rabbit pAb

## Cat#: orb764500 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	AKR1CL2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human AKR1CL2. AA range:141-190
Specificity	AKR1CL2 Polyclonal Antibody detects endogenous levels of AKR1CL2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	1,5-anhydro-D-fructose reductase
Gene Name	AKR1E2
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Clonality	Polyclonal



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Concentration	1 mg/ml
Observed band	37kD
Human Gene ID	83592
Human Swiss-Prot Number	Q96JD6
Alternative Names	AKR1E2; AKR1CL2; AKRDC1; 1; 5-anhydro-D-fructose reductase; AF reductase; Aldo-keto reductase family 1 member C-like protein 2; Aldo-keto reductase family 1 member E2; LoopADR; Testis-specific protein; hTSP
Background	The protein encoded by this gene is a member of the aldo-keto reductase superfamily. Members in this family are characterized by their structure (evolutionarily highly conserved TIM barrel) and function (NAD(P)H-dependent oxido-reduction of carbonyl groups). Transcripts of this gene have been reported in specimens of human testis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012],





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Western blot analysis of the lysates from HT-29 cells using AKR1CL2 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).