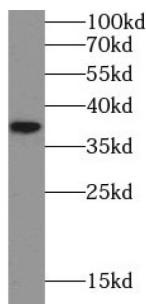
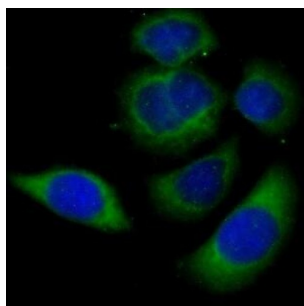


Aldo-Keto Reductase Family 1 Member C2 (AKR1C2) Antibody

Catalogue No.: abx147721



WB analysis of A549 cells, using AKR1C2 antibody (1/1000 dilution).



IF analysis of PC-3 cells, using AKR1C2 antibody (1/50 dilution).

Aldo-Keto Reductase Family 1 Member C2 (AKR1C2) Antibody is a Rabbit Polyclonal antibody for the detection of AKR1C2.

This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols using NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme binds bile acid with high affinity, and shows minimal 3-alpha-hydroxysteroid dehydrogenase activity. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. Three transcript variants encoding two different isoforms have been found for this gene.

Target:	Aldo-Keto Reductase Family 1 Member C2 (AKR1C2)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Aldo-keto reductase family 1 member C2

Datasheet

Version: 3.0.0
Revision date: 06 Sep 2025



Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P52895 (UniProt , ExPASy)
Gene Symbol:	AKR1C2
GeneID:	1646
OMIM:	600450
HGNC:	385
KEGG:	hsa:1646
Ensembl:	ENSG00000151632
String:	9606.ENSP00000370129
Enzyme Commission Number:	EC 1.---, EC 1.1.1.213, EC 1.3.1.20
Molecular Weight:	Observed MW: 37 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.