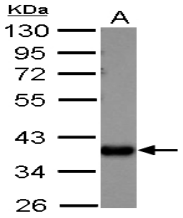
German Research Products - GRP GmbH
In der Stockwiese 26
D-85410 Haag/Amper, Germany
Email: info@grp-ak.de
Phone: +49 (0)8167 6335

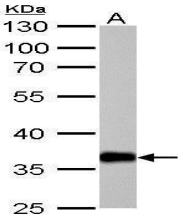
Product Datasheet

AKR1C1 antibody
GRP39

Description	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 by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the reaction of progesterone to the inactive form 20-alpha-hydroxy-progesterone. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. [provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human, Mouse
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-P, WB
Immunogen	Recombinant protein encompassing a sequence within the cente region of human AKR1C1. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	1.02 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to openin vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	Q04828
Entrez	1645
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



Sample (30 ug of whole cell lysate) A: A549 10% SDS PAGE GRP491 diluted at 1:1000



AKR1C1 antibody detects AKR1C1 protein by western blot analysis.A. 50 ?g mouse liver lysate/extract10% SDS-PAGEAKR1C1 antibody (GRP491) dilution: 1:1000 The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.