

Datasheet for ABIN1534617  
**anti-AKR1C3 antibody (AA 191-240)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	100 µg
Target:	AKR1C3
Binding Specificity:	AA 191-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1C3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human AKR1C3.
Isotype:	IgG
Specificity:	AKR1C3 Antibody detects endogenous levels of total AKR1C3 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	AKR1C3
Alternative Name:	AKR1C3 ( <a href="#">AKR1C3 Products</a> )
Background:	Synonyms: 17-beta-HSD 5, 17-beta-hydroxysteroid dehydrogenase type 5, 3-alpha-HSD type 2,

## Target Details

	3-alpha-HSD type II, brain, 3-alpha-hydroxysteroid dehydrogenase type 2, AK1C3, AKC1H, aldo-keto reductase family 1 member C3, aldo-keto reductase family 1, member C3, aldo-ke NCBI Gene Symbol: AKR1C3
Molecular Weight:	36 kDa
Gene ID:	8644
OMIM:	603966
UniProt:	<a href="#">P42330</a>
Pathways:	<a href="#">Retinoic Acid Receptor Signaling Pathway</a> , <a href="#">Steroid Hormone Biosynthesis</a> , <a href="#">Regulation of Hormone Metabolic Process</a> , <a href="#">Regulation of Hormone Biosynthetic Process</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a> , <a href="#">Protein targeting to Nucleus</a>

## Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:20000
Comment:	Unigene-Number: Hs.78183 (NCBI Gene Symbol: AKR1C3)
Restrictions:	For Research Use only

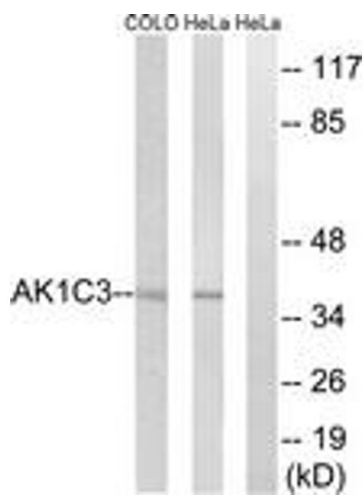
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

## Publications

Product cited in: Korzekwa, Szczepańska, Bogdaszewski, Nadolski, Małż, Giżejewski: "Production of

prostaglandins in placentae and corpus luteum in pregnant hinds of red deer (*Cervus elaphus*)."  
in: **Theriogenology**, Vol. 85, Issue 4, pp. 762-8, (2016) ([PubMed](#)).



Western Blotting

**Image 1.** Western blot analysis of extracts from HeLa/COLO cells, using AKR1C3 Antibody. The lane on the right is treated with the synthesized peptide.