

Datasheet for ABIN185345
anti-AKR1C3 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	AKR1C3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AKR1C3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	AKR1C3
Immunogen:	Peptide with sequence CFASHPNYPYSDEY, from the C Terminus of the protein sequence according to NP_003730.4.
Sequence:	CFASHPNYPY SDEY
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	AKR1C3
Alternative Name:	AKR1C3 (AKR1C3 Products)
Background:	AKR1C3, DD3, HAKRB, HAKRe, HA1753, HSD17B5, hluPGFS, KIAA0119, aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II), prostaglandin F synthase, dihydrodiol dehydrogenase 3, chlordecone reductase homolog, hydroxysteroid (1
Gene ID:	8644
NCBI Accession:	NP_003730
Pathways:	Retinoic Acid Receptor Signaling Pathway , Steroid Hormone Biosynthesis , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , C21-Steroid Hormone Metabolic Process , Protein targeting to Nucleus

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 5 µg/mL. Western Blot: Approx 35 kDa band observed in Human Liver and Human Breast lysates (calculated MW of 36.9 kDa according to NP_003730). Recommended concentration: 0.01-0.1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

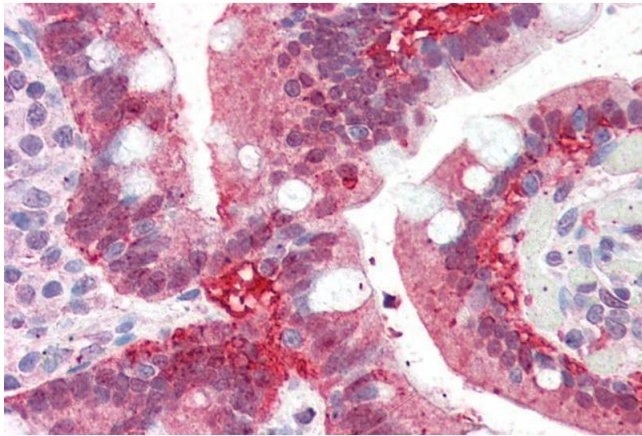
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

Handling

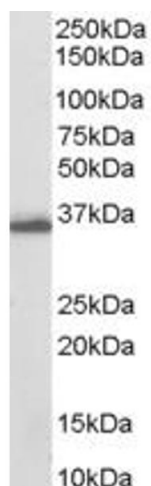
Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN185345 (5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185345 (0.03µg/ml) staining of Human Breast lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.