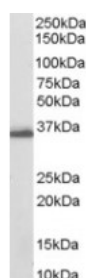




AKR1C3 Antibody

CATALOG NUMBER: 45-235



Western Blot (0.03ug/ml) staining of human breast lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 35kDa band observed in human liver and human breast lysates (calculated MW of 36.9kDa according to NP_003730). Recommended concentration: 0.01-0.1ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1311 - Human Breast Tissue Lysate
IMMUNOGEN:	AKR1C3 antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of AKR1C3.
HOST SPECIES:	Goat

Properties

PURIFICATION:	AKR1C3 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	AKR1C3 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	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 (17-beta) dehydrogenase 5, type IIb 3-alpha hydroxysteroid dehydrogenase, trans-1, 2-dihydrobenzene-1, 2-diol dehydrogenase, DDH1, PGFS
ACCESSION NO.:	NP_003730
PROTEIN GI NO.:	24497583

OFFICIAL SYMBOL: AKR1C3

GENE ID: 8644

Background

REFERENCES: 1) Iczkowski KA, Qiu J, Qian J, Somerville MC, Rittmaster RS, Andriole GL, Bostwick DG. The dual 5-alpha-reductase inhibitor dutasteride induces atrophic changes and decreases relative cancer volume in human prostate. Urology . 2005 Jan;65(1):76-82.

FOR RESEARCH USE ONLY

December 13, 2016