

Goat anti-AKR1C3 Antibody

Item Number	dAP-0574
Target Molecule	Principle Name: AKR1C3; Official Symbol: AKR1C3; All Names and Symbols: 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; Accession Number (s): NP_003730.4; Human Gene ID(s): 8644; Non-Human GeneID(s):
Immunogen	CFASHPNYPYSDEY, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 35kDa band observed in human liver and human breast lysates (calculated MW of 36.9kDa according to NP_003730). Recommended concentration: 0.01-0.1µg/ml.
IHC	
Reference	Reference(s): 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. <i>Urology</i> . 2005 Jan;65(1):76-82. PMID: 15667867 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**