

Product datasheet for **TA327176**

AKR1C3 Rabbit Polyclonal Antibody

Product data:

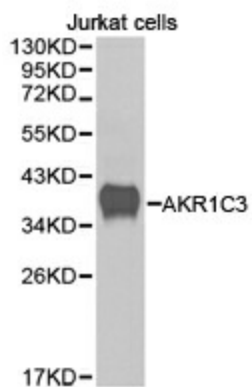
Product Type:	Primary Antibodies
Applications:	ICC/IF, IP, WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human AKR1C3
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	aldo-keto reductase family 1, member C3
Database Link:	NP_003730 Entrez Gene 8644 Human P42330
Background:	AKR1C3(Aldo-keto reductase family 1 member C3) is also named as DDH1, HSD17B5, KIAA0119, PGFS and belongs to AKR1C family. .In humans, at least four AKR1C isoforms exist: AKR1C1, AKR1C2, AKR1C3, AKR1C4 and AKR1C3 shares >86% sequence identity with these three highly related human AKRs(PMID:18574251). It catalyzes the conversion of aldehydes and ketones to alcohols and androgen, estrogen, PG, xenobiotics metabolism. The rat kidney possesses a dimeric form of 75 kDa(PMID:18574251).
Synonyms:	DD3; DDX; HA1753; HAKRB; HAKRe; hluPGFS; HSD17B5; PGFS
Protein Families:	Druggable Genome



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Protein Pathways: Arachidonic acid metabolism, Metabolism of xenobiotics by cytochrome P450

Product images:



Western blot analysis of extracts of Jurkat cell line, using AKR1C3 antibody.