

Product datasheet for TA363770

et datachaat fay TA26277

AKR1C4 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human
Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human

AKR1C4

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 35 kDa

Gene Name: aldo-keto reductase family 1, member C4

Database Link: NP 001809.3

Entrez Gene 1109 Human

P17516



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



AKR1C4 Rabbit Polyclonal Antibody - TA363770

Background: This gene encodes a member of the aldo/keto reductase superfamily, which consists of more

than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the bioreduction of chlordecone, a toxic organochlorine pesticide, to chlordecone alcohol in liver. This gene shares high sequence identity with three other gene members and is clustered with

those three genes at chromosome 10p15-p14.

Synonyms: 3-alpha-HSD; 3-alpha-HSD1; C11; CDR; CHDR; DD-4; DD4; HAKRA; MGC22581;

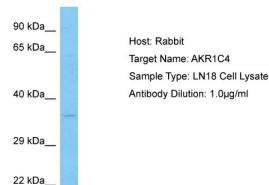
OTTHUMP00000018997

Protein Families: Druggable Genome

Protein Pathways: Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways,

Metabolism of xenobiotics by cytochrome P450, Primary bile acid biosynthesis

Product images:



Host: Rabbit

Target Name: AKR1C4

Sample Tissue: Human LN18 Whole Cell lysates

Antibody Dilution: 1ug/ml