

Rabbit anti-Human Aldo-keto reductase family 1 member C4 Polyclonal Antibody | anti-AKR1C4 antibody

Rabbit anti-human Aldo-keto reductase family 1 member C4 polyclonal Antibody(AKR1C4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119864	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

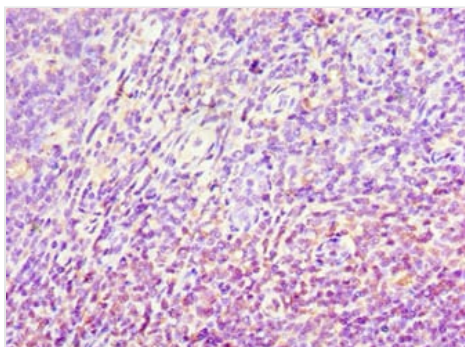
PRODUCT SYNONYMS

Aldo-keto reductase family 1 member C4; Polyclonal Antibody; Rabbit anti-human Aldo-keto reductase family 1 member C4 polyclonal Antibody(AKR1C4); 3-alpha-HSD1; 3-alpha-hydroxysteroid dehydrogenase type I; Chlordecone reductase; CDR; Dihydrodiol dehydrogenase 4; DD-4; DD4; HAKRA; AKR1C4; CHDR; anti-AKR1C4 antibody

PRODUCT SPECIFICATIONS

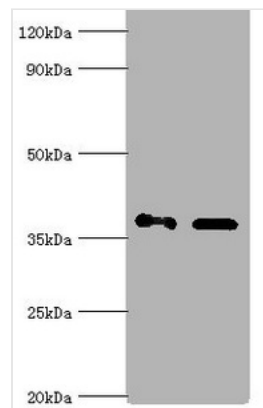
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	323
Applicable Applications for anti-AKR1C4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Aldo-keto reductase family 1 member C4 protein (1-323aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27919 / sc-27920 / sc-20425
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using AAA119864 at dilution 1:100



WB (Western Blot)

All lanes: Aldo-keto reductase family 1 member C4 antibody at 7ug/ml
Lane 1: Hela whole cell lysate
Lane 2: HepG 2 whole cell lysate
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 37kDa
Observed band size: 37kDa

ADDITIONAL INFORMATION

Related Product Information for anti-AKR1C4 antibody	Catalyzes the transformation of the potent androgen dihydrotestosterone (DHT) into the less active form, 5-alpha-androstan-3-alpha,17-beta-diol (3-alpha-diol). Also has some 20-alpha-hydroxysteroid dehydrogenase activity. The biotransformation of the pesticide chlordane (kepone) to its corresponding alcohol leads to increased biliary excretion of the pesticide and concomitant reduction of its neurotoxicity since bile is the major excretory route.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	325652083
NCBI GeneID	1109
NCBI Accession #	NP_001809.3
NCBI GenBank Nucleotide #	NM_001818.3
UniProt Accession #	P17516; Q5T6A3; Q8WW84; Q9NS54; AAB47003
Molecular Weight	37,067 Da
NCBI Official Full Name	aldo-keto reductase family 1 member C4
NCBI Official Synonym Full Names	aldo-keto reductase family 1, member C4
NCBI Official Symbol	AKR1C4
NCBI Official Synonym Symbols	C11; CDR; DD4; CHDR; DD-4; HAKRA; 3-alpha-HSD
NCBI Protein Information	aldo-keto reductase family 1 member C4
UniProt Protein Name	Aldo-keto reductase family 1 member C4
UniProt Gene Name	AKR1C4
UniProt Synonym Gene Names	CHDR; CDR; DD-4; DD4
UniProt Entry Name	AK1C4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.