Rabbit AKR1C4 Polyclonal Antibody | anti-AKR1C4 antibody

AKR1C4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167332	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

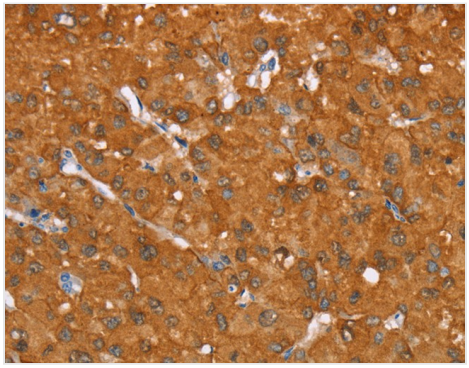
PRODUCT SYNONYMS

AKR1C4; Polyclonal Antibody; AKR1C4 Polyclonal Antibody; C11; CDR; DD4; CHDR; DD-4; HAKRA; 3-alpha-HSD; anti-AKR1C4 antibody

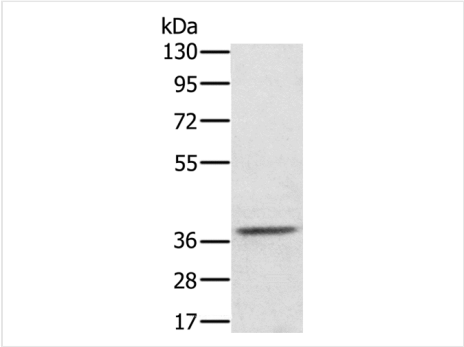
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.1mg/mL (varies by lot)
Sequence Length	323
Applicable Applications for anti-AKR1C4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human AKR1C4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer using AKR1C4 Polyclonal Antibody at dilution of 1:25



WB (Western Blot)
Western Blot analysis of Mouse liver tissue using AKR1C4 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-AKR1C4 antibody	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	325652083
NCBI GeneID	1109
NCBI Accession #	NP_001809.3
NCBI GenBank Nucleotide #	NM_001818.3
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; 3-alpha-HSD1; chlordecone reductase; 3-alpha hydroxysteroid dehydrogenase, type I; dihydrodiol dehydrogenase 4; dihydrodiol dehydrogenase isozyme DD4; type I 3-alpha-hydroxysteroid dehydrogenase
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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/akr1c4-antibody-immunohistochemistry-western-blot-elisa/167332