

Rabbit anti-Human AKR1C2 Polyclonal Antibody | anti-AKR1C2 antibody

Rabbit anti-AKR1C2 Antibody

CATALOG # AAA219978	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

AKR1C2; Polyclonal Antibody; Rabbit anti-AKR1C2 Antibody; DDH2; Aldo-keto reductase family 1 member C2; 3-alpha-HSD3; Chlordecone reductase homolog HAKRD; Dihydrodiol dehydrogenase 2; DD-2; DD2; Dihydrodiol dehydrogenase/bile acid-binding protein; DD/BABP; Trans-1; 2-dihydrobenzene-1; 2-diol dehydrogenase; Type III 3-alpha-hydroxysteroid dehydrogenase; anti-AKR1C2 antibody

PRODUCT SPECIFICATIONS

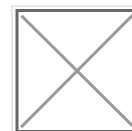
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-AKR1C2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AKR1C2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of AKR1C2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of AKR1C2 expression in HepG2 (A), Hela (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AKR1C2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	207028673
NCBI GeneID	1646

NCBI Accession #	NP_001128713.1
NCBI GenBank Nucleotide #	NM_001135241.2
UniProt Accession #	P52895 ; Q14133 ; Q5SR16 ; Q7M4N1 ; Q96A71 ; A8K2N9 ; B4DKR9
Molecular Weight	36,735 Da
NCBI Official Full Name	aldo-keto reductase family 1 member C2 isoform 2
NCBI Official Synonym Full Names	aldo-keto reductase family 1, member C2
NCBI Official Symbol	AKR1C2
NCBI Official Synonym Symbols	DD; DD2; BABP; DDH2; HBAB; HAKRD; MCDR2; SRXY8; AKR1C-pseudo
NCBI Protein Information	aldo-keto reductase family 1 member C2; DD-2; DD/BABP; 3-alpha-HSD3; pseudo-chlordecone reductase; type II dihydrodiol dehydrogenase; chlordecone reductase homolog HAKRD; trans-1,2-dihydrobenzene-1,2-diol dehydrogenase; dihydrodiol dehydrogenase 2; bile a
UniProt Protein Name	Aldo-keto reductase family 1 member C2
UniProt Gene Name	AKR1C2
UniProt Synonym Gene Names	DDH2; DD-2; DD2; DD/BABP
UniProt Entry Name	AK1C2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/akr1c2-antibody-immunohistochemistry-western-blot-elisa/219978>