

Rabbit AKR1C2 Polyclonal Antibody | anti-AKR1C2 antibody

AKR1C2 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30589	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

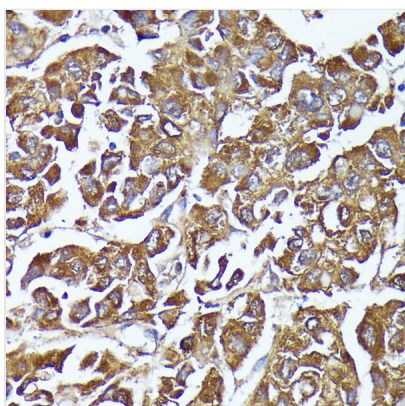
PRODUCT SYNONYMS

AKR1C2; Polyclonal Antibody; AKR1C2 Rabbit Polyclonal Antibody; AKR1C-pseudo; BABP; DD; DD-2; DD/BABP; DD2; DDH2; HAKRD; HBAB; MCDR2; SRXY8; TDD; anti-AKR1C2 antibody

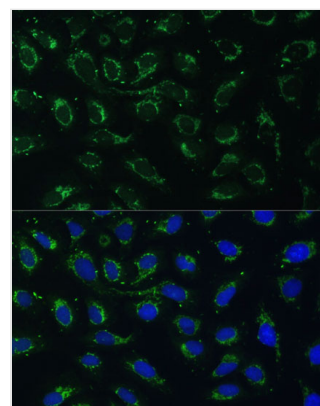
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-AKR1C2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:100
Immunogen	Recombinant fusion protein of human AKR1C2 (NP_995317.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

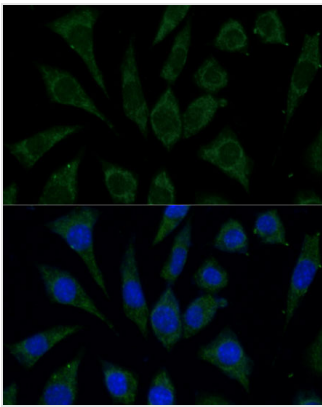
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AKR1C2 Rabbit pAb.

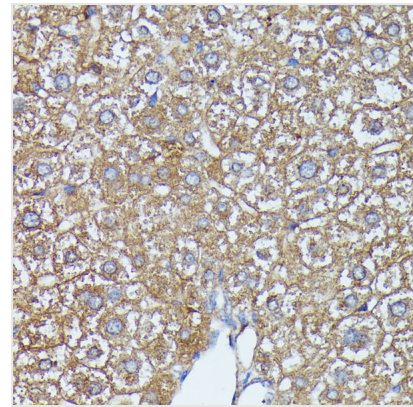

IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using AKR1C2 Polyclonal Antibody.



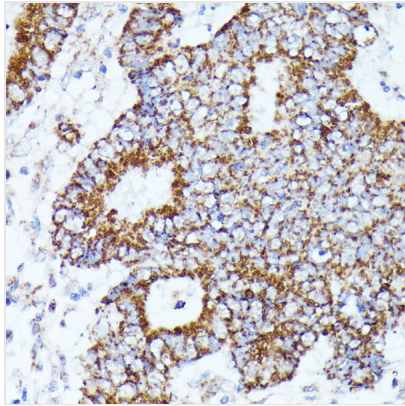
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using AKR1C2 Polyclonal Antibody.



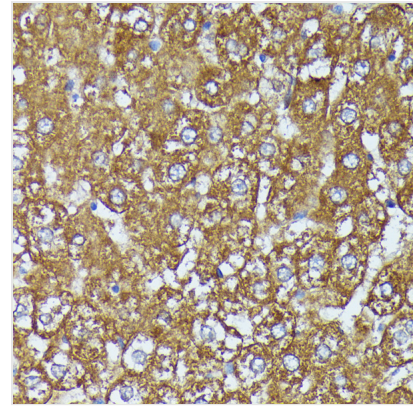
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using AKR1C2 Rabbit pAb.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human Colon cancer using AKR1C2 Rabbit pAb.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using AKR1C2 Rabbit pAb.

ADDITIONAL INFORMATION

Related Product Information for anti-AKR1C2 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 using NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme binds bile acid with high affinity, and shows minimal 3-alpha-hydroxysteroid dehydrogenase activity. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. Three transcript variants encoding two different isoforms have been found for this gene.
Product Categories/Family for anti-AKR1C2 antibody	Primary Antibody

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/akr1c2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30589>