

Rabbit anti-Human AKR1C1 Polyclonal Antibody | anti-AKR1C1 antibody

AKR1C1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306186	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

AKR1C1; Polyclonal Antibody; AKR1C1 antibody; anti-AKR1C1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	323
Applicable Applications for anti-AKR1C1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 22 and 218 of Human AKR1C1
Target Name	AKR1C1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



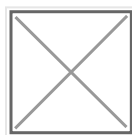
IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed A431, using AKR1C1 antibody at 1: 200 dilution.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded MDA-MB-468 xenograft, using AKR1C1 antibody at 1: 500 dilution.



Application Data

Sample(30 ug whole cell lysate)A: Raji 10% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-AKR1C1 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 reaction of progesterone to the inactive form 20-alpha-hydroxy-progesterone. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. [provided by RefSeq]
Product Categories/Family for anti-AKR1C1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453543
NCBI GeneID	1645
NCBI Accession #	NP_001344
NCBI GenBank Nucleotide #	NM_001353.5
Molecular Weight	36,788 Da
NCBI Official Full Name	aldo-keto reductase family 1 member C1
NCBI Official Synonym Full Names	aldo-keto reductase family 1, member C1
NCBI Official Symbol	AKR1C1
NCBI Official Synonym Symbols	C9; DD1; DDH; DDH1; H-37; HBAB; MBAB; HAKRC; DD1/DD2; 2-ALPHA-HSD; 20-ALPHA-HSD
NCBI Protein Information	aldo-keto reductase family 1 member C1
UniProt Protein Name	Aldo-keto reductase family 1 member C1
UniProt Gene Name	AKR1C1
UniProt Synonym Gene Names	DDH; DDH1; 20-alpha-HSD; DD1/DD2; HBAB
UniProt Entry Name	AK1C1_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://stage.aaabiotech.com/polyclonal/akr1c1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306186>