

Rabbit anti-Human AKR1C3 Polyclonal Antibody | anti-AKR1C3 antibody

AKR1C3 Antibody

CATALOG # AAA307873	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

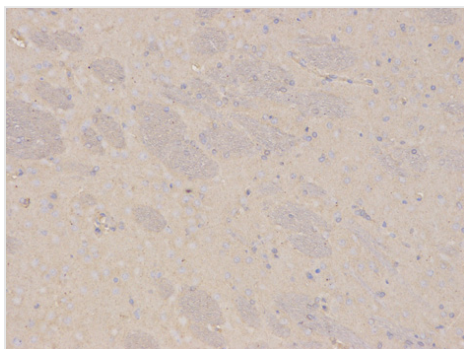
PRODUCT SYNONYMS

AKR1C3; Polyclonal Antibody; AKR1C3 Antibody; DD3; DDX; HA1753; HAKRB; HAKRe; anti-AKR1C3 antibody

PRODUCT SPECIFICATIONS

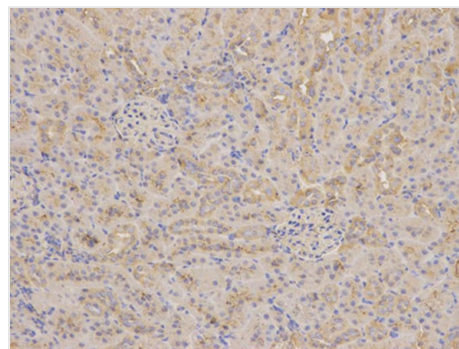
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total AKR1C3 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	323
Applicable Applications for anti-AKR1C3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human AKR1C3.
Target Name	AKR1C3
Preparation and Storage	Store at -20 degree C

IMAGES



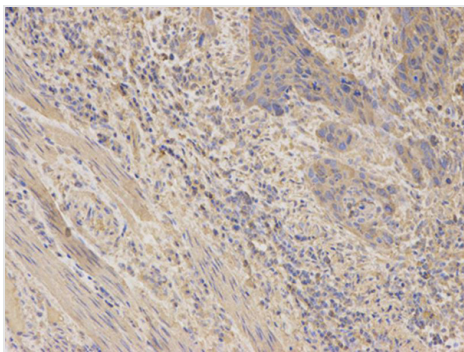
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain using AKR1C3 antibody at dilution of 1:100 (200x lens).



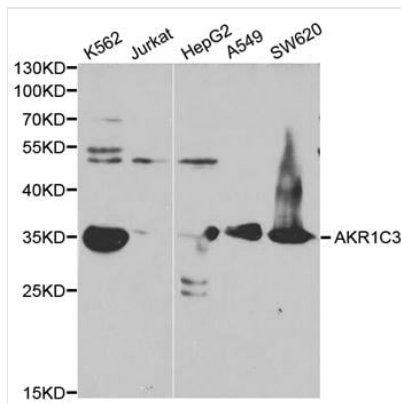
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat kidney using AKR1C3 antibody at dilution of 1:100 (200x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human esophageal cancer using AKR1C3 antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell line, using AKR1C3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AKR1C3 antibody	AKR1C3(Aldo-keto reductase family 1 member C3) is also named as DDH1, HSD17B5, KIAA0119, PGFS and belongs to AKR1C family. In humans, at least four AKR1C isoforms exist: AKR1C1, AKR1C2, AKR1C3, AKR1C4 and AKR1C3 shares >86% sequence identity with these three highly related human AKRs(PMID:18574251). It catalyzes the conversion of aldehydes and ketones to alcohols and androgen, estrogen, PG, xenobiotics metabolism. The rat kidney possesses a dimeric form of 75 kDa(PMID:18574251).
Product Categories/Family for anti-AKR1C3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	359806990
NCBI GeneID	8644
NCBI Accession #	NP_001240837.1
NCBI GenBank Nucleotide #	NM_001253908.1
UniProt Accession #	P42330; Q5T2L1; Q96DJ1; Q96KI8; Q99530; Q9UCX1; Q9UII3; Q9UUKL9; A8K2V0; B4DL37
Molecular Weight	23,364 Da
NCBI Official Full Name	aldo-keto reductase family 1 member C3 isoform 2
NCBI Official Synonym Full Names	aldo-keto reductase family 1, member C3
NCBI Official Symbol	AKR1C3
NCBI Official Synonym Symbols	DD3; DDX; PGFS; HAKRB; HAKRe; HA1753; HSD17B5; hluPGFS
NCBI Protein Information	aldo-keto reductase family 1 member C3
UniProt Protein Name	Aldo-keto reductase family 1 member C3
UniProt Gene Name	AKR1C3
UniProt Synonym Gene Names	DDH1; HSD17B5; KIAA0119; PGFS; 17-beta-HSD 5; 3-alpha-HSD type 2; DD-3; DD3; PGFS
UniProt Entry Name	AK1C3_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/akr1c3-antibody-immunohistochemistry-western-blot-elisa/307873>