

Goat AKR1B10 Polyclonal Antibody | anti-AKR1B10 antibody

Goat anti-AKR1B10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61189	Goat	Tested: Human; Expected from sequence similarity: Human	Western Blot, ELISA

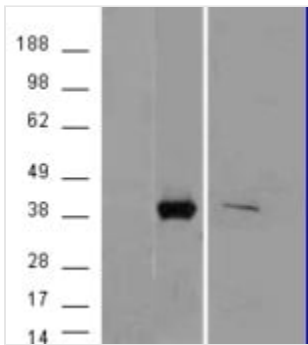
PRODUCT SYNONYMS

AKR1B10; Polyclonal Antibody; Goat anti-AKR1B10 Antibody; aldo-keto reductase family 1; member B10 (aldose reductase); AKR1B11; AKR1B12; ALDRLn; ARL-1; ARL1; HIS; MGC14103; member B10; member B11 (aldose reductase-like); aldose reductase; AKR1B10 antibody; member B10 (aldose reductase) antibody; AKR1B11 antibody; AKR1B12 antibody; ALDRLn antibody; ARL-1 antibody; ARL1 antibody; HIS antibody; MGC14103 antibody; member B10 antibody; member B11 (aldose reductase-like) antibody; aldose reductase-like 1N: aldose reductase-like peptide antibody; aldose reductase-related protein antibody; small intestine reductase antibody; anti-AKR1B10 antibody

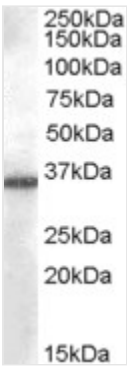
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QSSHLEDYPF DAE
Sequence Length	316
Applicable Applications for anti-AKR1B10 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QSSHLEDYPFDAE, from the C Terminus of the protein sequence according to NP_064695.2.
Epitope	C Terminus
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
HEK293 overexpressing AKR1B10 (RC203177) with C-terminal tag (DYKDDDDK) and probed with anti-DYKDDDDK in the left panel and in the right panel (mock transfection in first and last lanes), tested by Origene.



WB (Western Blot)
0. 03ug/ml) staining of A549 cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127592
NCBI GeneID	57016
NCBI Accession #	NP_064695.2
NCBI GenBank Nucleotide #	NM_020299.3
Molecular Weight	36,020 Da
NCBI Official Full Name	aldo-keto reductase family 1, member B10
NCBI Official Synonym Full Names	aldo-keto reductase family 1, member B10 (aldose reductase)
NCBI Official Symbol	AKR1B10
NCBI Official Synonym Symbols	HIS; HSI; ARL1; ARL-1; ALDRLn; AKR1B11; AKR1B12
NCBI Protein Information	aldo-keto reductase family 1 member B10
UniProt Protein Name	Aldo-keto reductase family 1 member B10
UniProt Gene Name	AKR1B10
UniProt Synonym Gene Names	AKR1B11; ARP; hARP; SI reductase
UniProt Entry Name	AK1BA_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.