ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-AKR1B10 Antibody

Item Number	dAP-1320
Target Molecule	Principle Name: AKR1B10; Official Symbol: AKR1B10 ; All Names and Symbols: AKR1B10; aldo-keto reductase family 1, member B10 (aldose reductase) ; AKR1B11; AKR1B12; ALDRLn; ARL-1; ARL1; HIS; HIS; MGC14103; aldo-keto reductase family 1, member B10; aldo-keto reductase family 1, member B11 (aldose reductase-like); aldose reductase; Accession Number (s): NP_064695.2; Human Gene ID(s): 57016; Non-Human GeneID(s):
Immunogen	QSSHLEDYPFDAE, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 35kDa band observed in lysates of cell lines HEK293, A549 and HepG2 (calculated MW of 36.0kDa according to NP_064695.2). In transfected HEK293 transiently expressing AKR1B10 a band of approx. 40kDa is observed. This band is not obse
IHC	
Reference	Reference(s): Tammali R, Ramana KV, Singhal SS, Awasthi S, Srivastava SK. Aldose reductase regulates growth factor-induced cyclooxygenase-2 expression and prostaglandin E2 production in human colon cancer cells. Cancer Res. 2006 Oct 1;66(19):9705-13..PMID: 17018629 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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