

Product datasheet for TA302407

AKR1B10 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:8,000. WB: 0.03-0.1µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-QSSHLEDYPFDAE, from the C Terminus of the protein sequence according to NP_064695.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39646 Da
Gene Name:	aldo-keto reductase family 1, member B10 (aldose reductase)
Database Link:	NP_064695 Entrez Gene 57016 Human O60218
Background:	This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member can efficiently reduce aliphatic and aromatic aldehydes, and it is less active on hexoses. It is highly expressed in adrenal gland, small intestine, and colon, and may play an important role in liver carcinogenesis. [provided by RefSeq]
Synonyms:	AKR1B11; AKR1B12; ALDRLn; ARL-1; ARL1; HIS; HSI

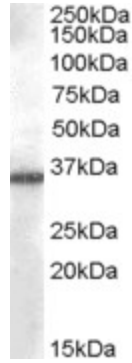


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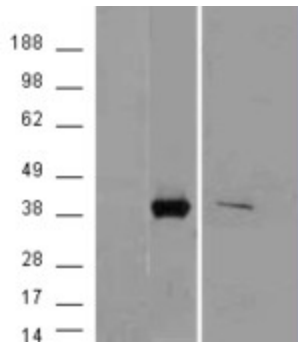
Protein Families: Druggable Genome

Protein Pathways: Butanoate metabolism, Fructose and mannose metabolism, Linoleic acid metabolism, Metabolic pathways

Product images:



TA302407 (0.03ug/ml) staining of A549 cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing AKR1B10 ([RC203177]) with C-terminal tag (DYKDDDDK) and probed with anti-DYKDDDDK in the left panel and with [EB08336] in the right panel (mock transfection in first and last lanes).

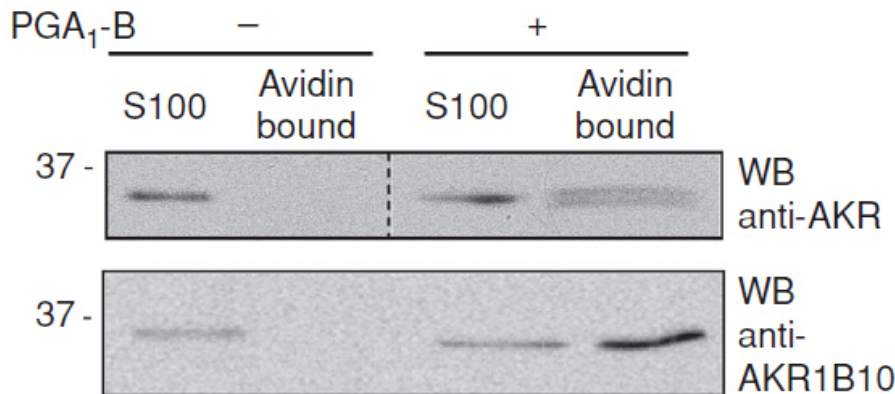


Figure from citation: Western Blot of AKR1B10 protein level by using anti-AKR1B10 antibody in human A549 cells. [View Citation](#)