

Product datasheet for **TA308188**

AKR1B10 Rabbit Polyclonal Antibody

Product data:

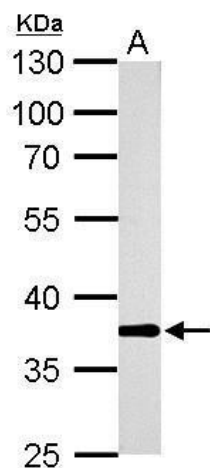
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:10000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 316 of AKR1B10 (Uniprot ID#O60218)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
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
Protein Families:	Druggable Genome



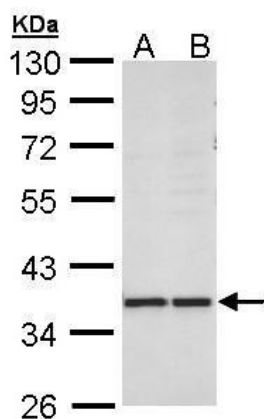
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Protein Pathways: Butanoate metabolism, Fructose and mannose metabolism, Linoleic acid metabolism, Metabolic pathways

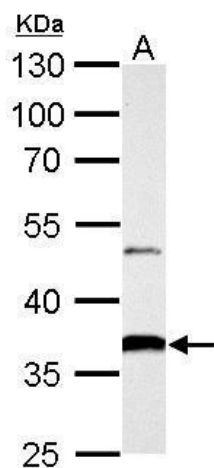
Product images:



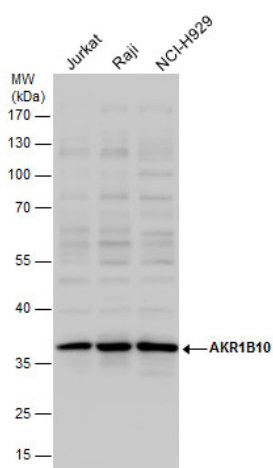
AKR1B10 antibody detects AKR1B10 protein by Western blot analysis. A. 50 ug mouse colon lysate/extract. 10 % SDS-PAGE. AKR1B10 antibody (TA308188) dilution: 1:5000



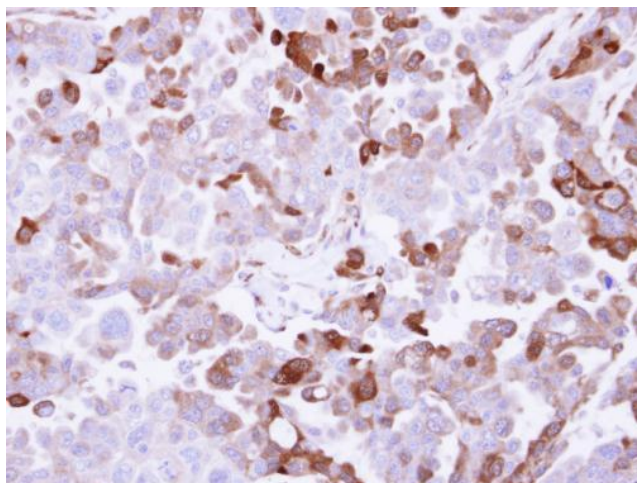
Sample (30 ug of whole cell lysate). A: MOLT4. B: Raji. 10% SDS PAGE. TA308188 diluted at 1:1000



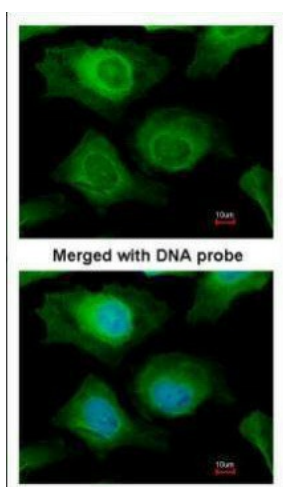
AKR1B10 antibody detects AKR1B10 protein by Western blot analysis. A. 50 ug rat colon lysate/extract. 10 % SDS-PAGE. AKR1B10 antibody (TA308188) dilution: 1:5000



AKR1B10 antibody detects AKR1B10 protein by western blot analysis. Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with AKR1B10 antibody (TA308188) diluted by 1:2500.



Immunohistochemical analysis of paraffin-embedded OVCAR3 xenograft, using AKR1B10 (TA308188) antibody at 1:500 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using AKR1B10 (TA308188) antibody at 1:200 dilution.