

AKR1B1 antibody [N1C3]

Cat. No. GTX113381

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC
Reactivity	Human, Rat, Pig

Reference (9)
 Package
 100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC	Assay dependent

Not tested in other applications.

Calculated MW 36 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.06 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human AKR1B1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



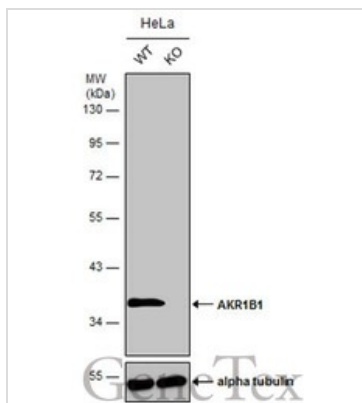
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Note

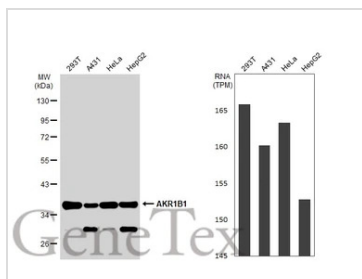
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DATA IMAGES



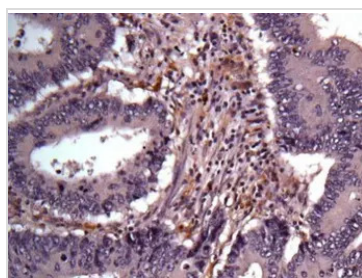
GTX113381 WB Image

Wild-type (WT) and AKR1B1 knockout (KO) HeLa cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with AKR1B1 antibody [N1C3] (GTX113381) diluted at 1:2500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX113381 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with AKR1B1 antibody [N1C3] (GTX113381) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



GTX113381 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using AKR1B1 (GTX113381) antibody at 1:500 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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