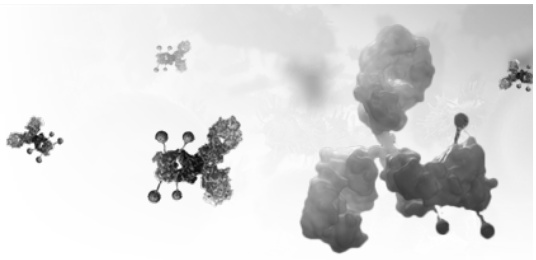

# Anti-AKR1B10 (aa 76-143) polyclonal antibody (DPAB-DC2559)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Antigen Description** | 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. |
| **Immunogen** | AKR1B10 (NP_064695, 76 a.a. ~ 143 a.a) partial recombinant protein with GST tag. The sequence is VSKLWPTFFERPLVRKAFEKTLKDLKLSYLDVYLIHWPQGFKSGDDLFPKDDKGNAIGGK ATFLDAWE |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human, Mouse |
| **Conjugate** | Unconjugated |
| **Applications** | WB (Cell lysate), WB (Cell lysate), WB (Recombinant protein), ELISA, |
| **Size** | 50 µl |
| **Buffer** | 50 % glycerol |
| **Preservative** | None |
| **Storage** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | AKR1B10 aldo-keto reductase family 1, member B10 (aldose reductase) [ Homo sapiens |

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| | |
|---|---|
| | (human) ] |
| **Official Symbol** | AKR1B10 |
| **Synonyms** | AKR1B10; aldo-keto reductase family 1, member B10 (aldose reductase); HIS; HSI; ARL1; ARL-1; ALDRLn; AKR1B11; AKR1B12; aldo-keto reductase family 1 member B10; ARP; hARP; SI reductase; aldose reductase-like 1; small intestine reductase; aldose reductase-like peptide; aldose reductase-related protein; aldo-keto reductase family 1, member B11 (aldose reductase-like); |
| **Entrez Gene ID** | 57016 |
| **Protein Refseq** | NP_064695 |
| **UniProt ID** | O60218 |
| **Chromosome Location** | 7q33 |
| **Pathway** | Disease; Fructose and mannose metabolism; Galactose metabolism; Glycerolipid metabolism |
| **Function** | aldo-keto reductase (NADP) activity; geranylgeranyl reductase activity; indanol dehydrogenase activity; protein binding |

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