

Datasheet

AKR1B1 purified MaxPab rabbit polyclonal antibody (D02P)

Catalog Number: H00000231-D02P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human AKR1B1 protein.

Immunogen: AKR1B1 (AAH00260.1, 1 a.a. ~ 316 a.a) full-length human protein.

Sequence:

MASRLLLNNGAKMPILGLGTWKSPPGQVTEAVKVAID
VGYRHIDCAHVYQNEVEGVAIQEKLREQVVKREELFI
VSKLWCTYHEKGLVKGACQKTLSDLKLDYLDLYLIHW
PTGFKPGKEFFPLDESGNVVPSDTNILDWAAMEELV
DEGLVKAIGISNFNHLQVEMILNKPGLKYKPAVNQIECH
PYLTQEKLQYCQSKGIVVTAYSPLGSPDRPWAKPEDP
SLLEDPRIKAIAAKHNKTTAQVLIRFPMQRNLVVIPKSV
TPERIAENFKVDFELSSQDMTLLSYNRNWRVCALLS
CTSHKDYPFHEEF

Host: Rabbit

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 231

Gene Symbol: AKR1B1

Gene Alias: ADR, ALDR1, ALR2, AR, MGC1804

Gene Summary: This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member

catalyzes the reduction of a number of aldehydes, including the aldehyde form of glucose, and is thereby implicated in the development of diabetic complications by catalyzing the reduction of glucose to sorbitol. Multiple pseudogenes have been identified for this gene. The nomenclature system used by the HUGO Gene Nomenclature Committee to define human aldo-keto reductase family members is known to differ from that used by the Mouse Genome Informatics database. [provided by RefSeq]