

Anti-AKR1B1 Antibody

CATALOG NO.: A1746-100 100 µl.

BACKGROUND DESCRIPTION: 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.

ALTERNATE NAMES: ADR, Aldehyde reductase, Aldo keto reductase family 1, ALDR, aldr1, ALR2, AR, Lii5 2 CTCL tumor antigen, Low Km aldose reductase, MGC1804.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.3 mg/mL

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant protein of human AKR1B1.

MOLECULAR WEIGHT: 36 kDa.

PURIFICATION: Affinity purification.

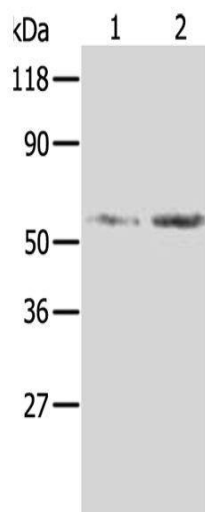
FORM: Liquid.

FORMULATION: PBS with 0.05% sodium azide, 50% glycerol, PH7.3

SPECIES REACTIVITY: Rat.
Mouse.
Human.

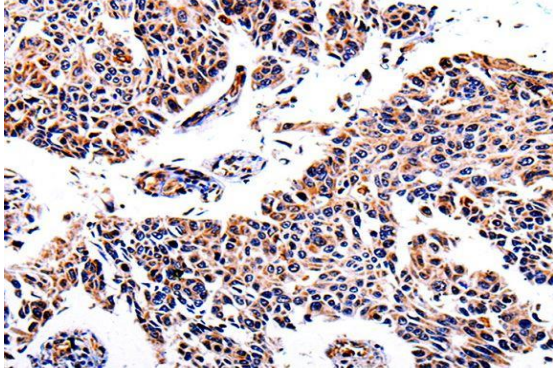
STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles.

APPLICATIONS AND USAGE: WB 1:500-1:2000, IHC 1:50-1:200.



: Western Blot analysis of Hela and 293T cell using Anti-AKR1B1 Antibody.

03/19



: IHC staining of paraffin-embedded Human lung cancer using Anti-AKR1B1 Antibody.

RELATED PRODUCTS:

- Human recombinant AKR1C1 (6336).
- Aldose Reductase, human recombinant (7361).
- AKR1B10, human recombinant (6339).
- AKR1B1 Antibody (CT) (6739).
- AKR1B1 Antibody (Center) (6740).

FOR RESEARCH USE ONLY! Not to be used on humans.