

anti- AKR1B1 antibody

Product Information

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|---------------|---|
| Catalog No.: | FNab00261 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

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.

Immunogen information

| | |
|--------------|--|
| Immunogen: | aldo-keto reductase family 1, member B1 (aldose reductase) |
| Synonyms: | AKR1B1, Aldose reductase, AR, ALDR1, ADR |
| Observed MW: | 36 kDa |
| Uniprot ID : | P15121 |

Application

| | |
|-------------|-------------------|
| Reactivity: | Human, Mouse, Rat |
|-------------|-------------------|

Wuhan Fine Biotech Co., Ltd.

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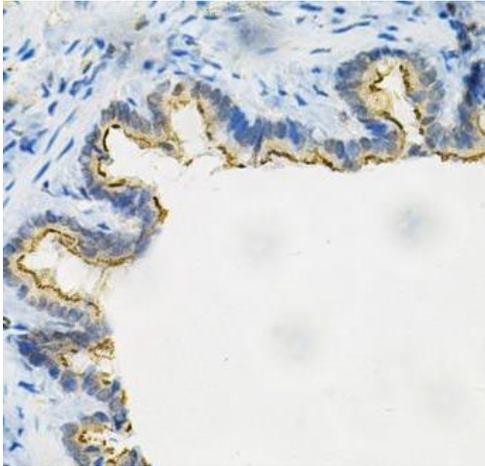
Fax: (0086)027-87800889

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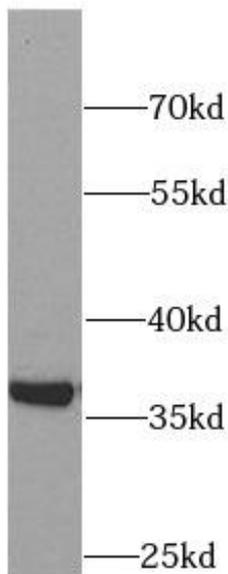
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat lung using FNab00261(AKR1B1 antibody) at dilution of 1:100



human liver tissue were subjected to SDS PAGE followed by western blot with FNab00261(AKR1B1 antibody) at dilution of 1:1000

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