

Datasheet for ABIN739785

**anti-AKR1B1 antibody (AA 151-250)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	AKR1B1
Binding Specificity:	AA 151-250
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AKR1B1
Isotype:	IgG
Specificity:	This antibody may have a secondary cross-reactivity with AKR1C1/2/3/4 due to a 75 % sequence similarity in the corresponding immunogen regions.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	AKR1B1
Alternative Name:	AKR1B1 ( <a href="#">AKR1B1 Products</a> )
Background:	<p>Synonyms: AR, ADR, ALR2, ALDR1, Aldose reductase, Aldehyde reductase, Aldo-keto reductase family 1 member B1, AKR1B1</p> <p>Background: Catalyzes the NADPH-dependent reduction of a wide variety of carbonyl-containing compounds to their corresponding alcohols with a broad range of catalytic efficiencies.</p>
Gene ID:	231
UniProt:	<a href="#">P15121</a>
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a> , <a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

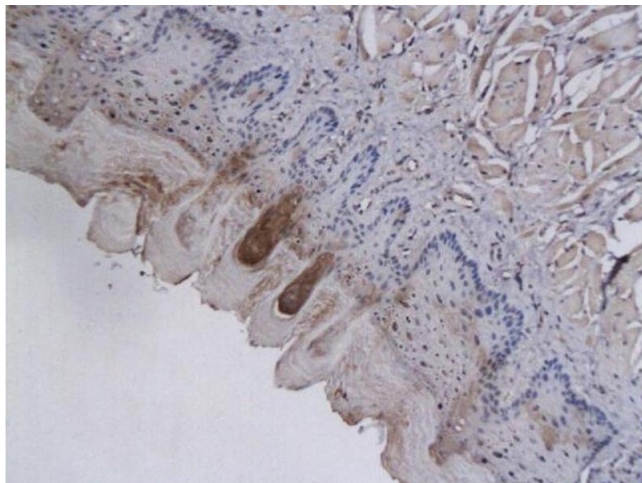
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

## Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat tongue labeled with Anti-AKR1B1 Polyclonal Antibody, Unconjugated (ABIN739785) followed by conjugation to the secondary antibody