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Datasheet for ABIN2966398

## anti-AKR7A2 antibody

### 3 Images

#### Overview

Quantity:	200 µL
Target:	AKR7A2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR7A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

#### Product Details

Immunogen:	Recombinant full length protein of human AKR7A2
Specificity:	Recognizes endogenous levels of AKR7A2 protein.
Characteristics:	Rabbit polyclonal antibody to AKR7A2
Purification:	The antibody was purified by immunogen affinity chromatography.

#### Target Details

Target:	AKR7A2
Alternative Name:	AKR7A2 ( <a href="#">AKR7A2 Products</a> )
Background:	AFAR, AFAR1, AKR7, Aflatoxin B1 aldehyde reductase member 2, AFB1 aldehyde reductase 1, AFB1-AR 1, Aldoketoreductase 7, Succinic semialdehyde reductase, SSA reductase

## Target Details

Gene ID: 8574, 110198, 171445

UniProt: [O43488](#), [Q8CG76](#), [Q8CG45](#)

## Application Details

Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:10 - 1:100)

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

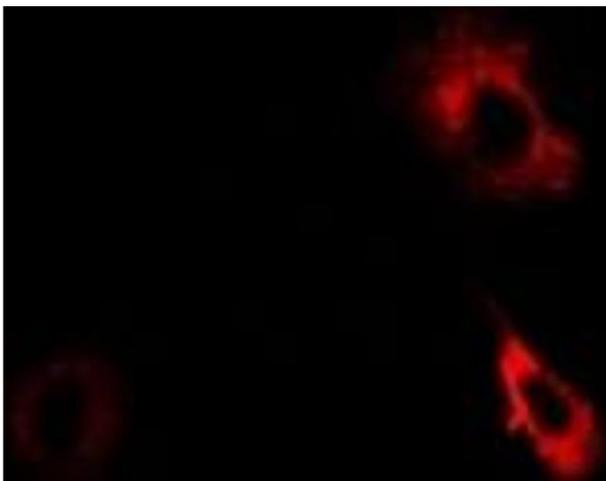
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

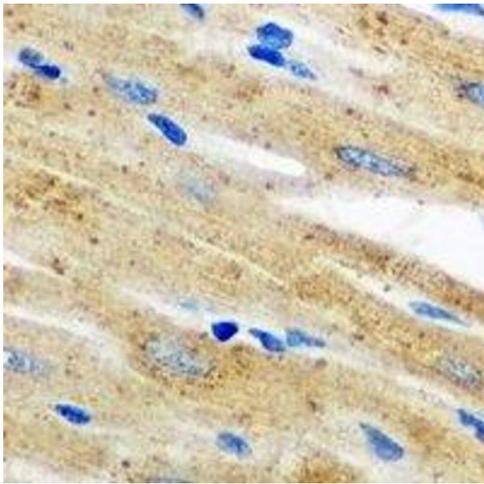
Expiry Date: 12 months

## Images



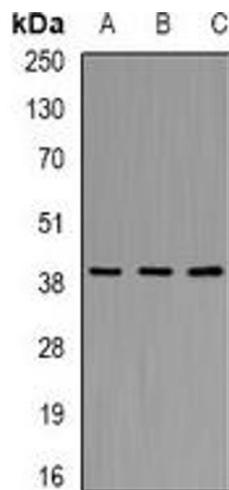
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of AKR7A2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of AKR7A2 staining in mouse heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the



### Western Blotting

**Image 3.** Western blot analysis of AKR7A2 expression in ES2 (A), mouse kidney (B), mouse liver (C) whole cell lysates.