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## Datasheet for ABIN7111415 anti-AKR7A2 antibody



## Overview

Quantity:	100 µg
Target:	AKR7A2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR7A2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)
Product Details	
Immunogen:	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)
Isotype:	lgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE
Target Details	

Target:	AKR7A2
Alternative Name:	AKR7A2 (AKR7A2 Products)
Background:	Synonyms:AFAR, AFAR1, AFB1 aldehyde reductase 1, AFB1 AR 1, AFB1 AR1, AKR7, AKR7A2, Aldoketoreductase 7, SSA reductase Background:The protein encoded by this gene belongs to
	the aldo/keto reductase (AKR) superfamily and AKR7 family, which are involved in the
	detoxification of aldehydes and ketones. The AKR7 family consists of 3 genes that are present

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## Target Details

Storage:

Expiry Date:

Storage Comment:

	in a cluster on the p arm of chromosome 1. This protein, thought to be localized in the golgi,
	catalyzes the NADPH-dependent reduction of succinic semialdehyde to the endogenous
	neuromodulator, gamma-hydroxybutyrate. It may also function as a detoxication enzyme in the
	reduction of aflatoxin B1 and 2-carboxybenzaldehyde. Alternative splicing results in multiple
	transcript variants.
Molecular Weight:	40 kDa
Gene ID:	8574
UniProt:	043488
Application Details	
Application Notes:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:10 - 1:100
Application Notes: Restrictions:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:10 - 1:100 For Research Use only
Application Notes: Restrictions:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:10 - 1:100 For Research Use only
Application Notes: Restrictions: Handling	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:10 - 1:100 For Research Use only
Application Notes: Restrictions: Handling Format:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:10 - 1:100 For Research Use only Liquid
Application Notes: Restrictions: Handling Format: Buffer:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:10 - 1:100   For Research Use only   Liquid   PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 ,
Application Notes: Restrictions: Handling Format: Buffer: Preservative:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:10 - 1:100 For Research Use only Liquid PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 , Sodium azide
Application Notes: Restrictions: Handling Format: Buffer: Preservative: Precaution of Use:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:10 - 1:100 For Research Use only Liquid PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 , Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

-20 °C

12 months

-20°C for 12 months (Avoid repeated freeze / thaw cycles.)