antibodies -online.com





anti-AKR7A3 antibody (N-Term)

2 Images



Go to Product page

Overview

Quantity:	0.1 mL
Target:	AKR7A3
Binding Specificity:	AA 1-331, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AKR7A3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human AKR7A3 (1-331aa) purified from E. coli
Clone:	AT2E11
Isotype:	lgG1
Specificity:	The antibody recognizes human AKR7A3. Other species not tested.
Purification:	Protein-G affinity chromatography

Target Details

Target:	AKR7A3
Alternative Name:	AKR7A3 / AFAR2 (AKR7A3 Products)
Background:	Aldo-keto reductase family 7, member A 3 (AKR7A3) is a member of the aldo/keto reductase

Target Details

superfamily involved in the detoxification and metabolism of a variety of exogenous aldehydes and ketones. The activity of AKR7A3 may detoxify the aflatoxin B1 (AFB1) dialdehyde, which reacts with proteins, and thereby inhibitis AFB1 induced toxicity. AKR7A3 is expressed in kidney, colon, pancreas, endometrium and adenocarcinoma. Synonyms: Aflatoxin B1 aldehyde reductase member 3

Gene ID: 22977

NCBI Accession: NP_036199

UniProt: 095154

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, containing 0.09 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

