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Datasheet for ABIN2856407 anti-AKR7A3 antibody

2 Images



Overview

Quantity:	100 µL
Target:	AKR7A3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human AKR7A3. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to AKR7A3 (aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase)) AKR7A3 antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	AKR7A3
Alternative Name:	aldo-keto reductase family 7 member A3 (AKR7A3 Products)
Background:	Aldo-keto reductases, such as AKR7A3, are involved in the detoxification of aldehydes and

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ketones.[supplied by OMIM]

	Cellular Localization: Cytoplasm
Molecular Weight:	37 kDa
Gene ID:	22977
UniProt:	095154

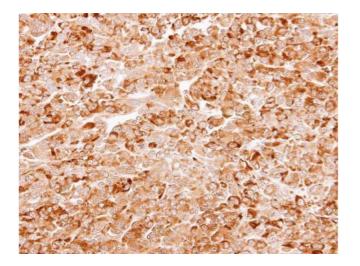
Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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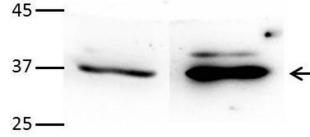
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded CL1-5 xenograft, using AKR7A3, antibody at 1:100 dilution.

Western Blotting

Image 2. WB Image Sample(30 ug whole cell lysate) A:293T 12% SDS PAGE antibody diluted at 1:1000

Marker (KDa)



Mammary gland tumors tissues

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