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Datasheet for ABIN7299706

anti-AKR1E2 antibody (Center)

2 Images

Overview

Quantity:	100 µL
Target:	AKR1E2
Binding Specificity:	Center
Reactivity:	Human, Pig, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1E2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AKR1CL2.
Specificity:	Recognizes endogenous levels of AKR1CL2 protein.
Characteristics:	Rabbit polyclonal antibody to AKR1CL2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	AKR1E2
Alternative Name:	AKR1CL2 (AKR1E2 Products)
Background:	AKR1CL2, AKRDC1, 1,5-anhydro-D-fructose reductase, AF reductase, Aldo-keto reductase

Target Details

family 1 member C-like protein 2, Aldo-keto reductase family 1 member E2, LoopADR, Testis-specific protein, hTSP

Gene ID: 83592

UniProt: [Q96JD6](#)

Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200)

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

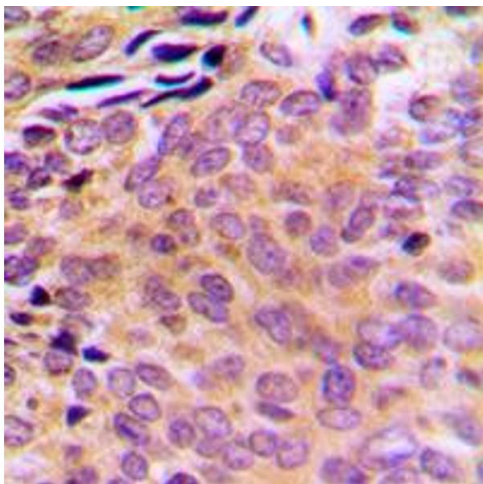
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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

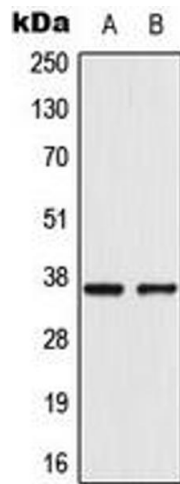
Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of AKR1CL2 staining in human breast cancer 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 antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with

haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of AKR1CL2 expression in VEC (A), A549 (B) whole cell lysates.