



Datasheet for ABIN7242458
anti-AKR1A1 antibody



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3 Images

Overview

Quantity:	200 µL
Target:	AKR1A1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Synthetic peptide of human AKR1A1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	AKR1A1
Alternative Name:	AKR1A1 (AKR1A1 Products)
Background:	This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member, also known as aldehyde reductase, is involved in the reduction of biogenic and xenobiotic aldehydes and is present in virtually every tissue. Multiple alternatively spliced transcript variants of this gene exist, all encoding the same

Target Details

	protein.
Molecular Weight:	37 kDa
NCBI Accession:	NP_001189342
UniProt:	P14550
Pathways:	Monocarboxylic Acid Catabolic Process

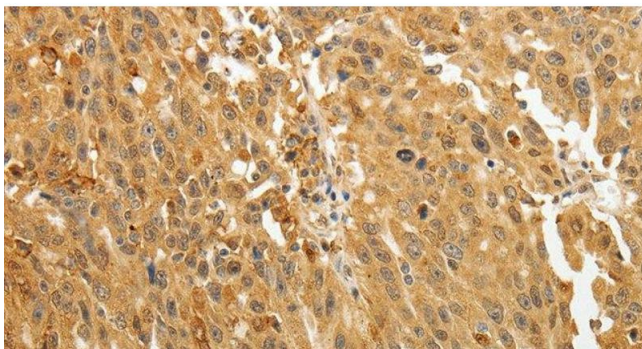
Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

Handling

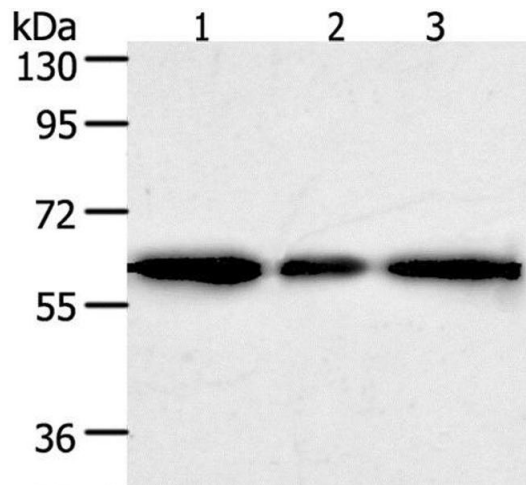
Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



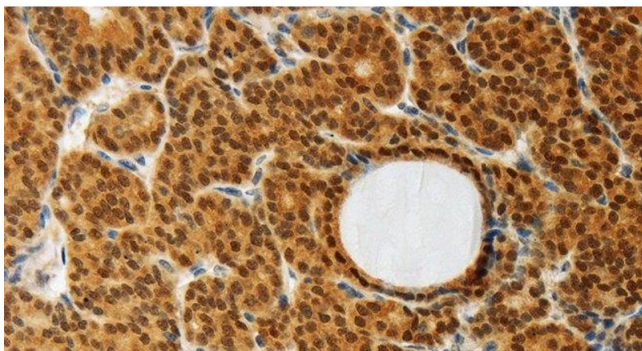
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human ovarian cancer using AKR1A1 Polyclonal Antibody at dilution of 1:30



Western Blotting

Image 2. Western Blot analysis of Human liver cancer tissue, HeLa and 293T cell using AKR1A1 Polyclonal Antibody at dilution of 1:500



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human thyroid cancer using AKR1A1 Polyclonal Antibody at dilution of 1:30