AKR1C1 Polyclonal Antibody

catalog number: E-AB-12710

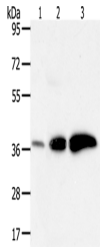
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Synthetic peptide of human AKR1C1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

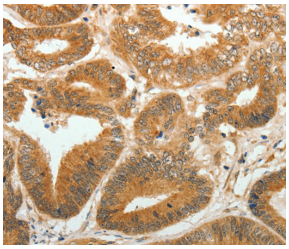
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

Data

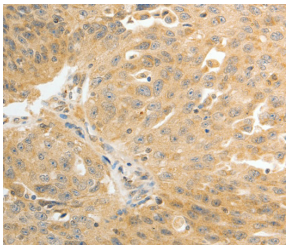


Western Blot analysis of Human liver cancer and breast infiltRative duct tissue, Human fetal brain tissue using AKR1C1 Polyclonal Antibody at dilution of 1:500

Calculated-MW:37 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using AKR1C1 Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human ovarian cancer using AKR1C1 Polyclonal Antibody at dilution of 1:30

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
Web:www.elabscience.com
Tel: 1-832-243-6086
Email:techsupport@elabscience.com
Fax: 1-832-243-6017

This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins.These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors.The enzymes display overlapping but distinct substrate specificity.This enzyme catalyzes the reaction of progesterone to the inactive form 20-alpha-hydroxy-progesterone.This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14 .

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