# AKR1C1 Polyclonal Antibody

**catalog number:** **E-AB-12710**

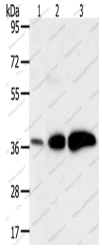
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

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

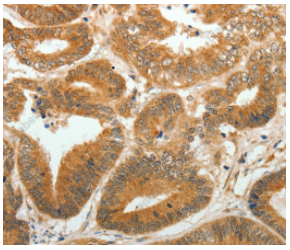
| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:50-1:200 |

## Data

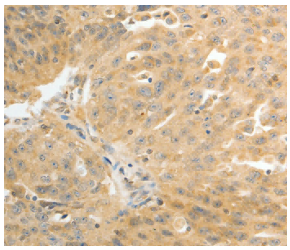



Western Blot analysis of Human liver cancer and breast infiltRative duct tissue, Human fetal brain tissue using AKR1C1 Polyclonal Antibody at dilution of 1:500

**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

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|---|---|
| **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
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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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