

## Rabbit AKR1C1 Polyclonal Antibody | anti-AKR1C1 antibody

Anti-AKR1C1 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA260152</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

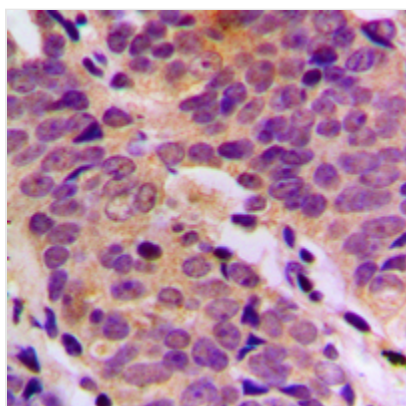
### PRODUCT SYNONYMS

AKR1C1; Polyclonal Antibody; Anti-AKR1C1 Antibody; DDH; DDH1; Aldo-keto reductase family 1 member C1; 20-alpha-hydroxysteroid dehydrogenase; 20-alpha-HSD; Chlordecone reductase homolog HAKRC; Dihydrodiol dehydrogenase 1/2; DD1/DD2; High-affinity hepatic bile acid-binding protein; HBAB; Indanol dehydrogenase; Trans-1; 2-dihydrobenzene-1; 2-diol dehydrogenase; anti-AKR1C1 antibody

### PRODUCT SPECIFICATIONS

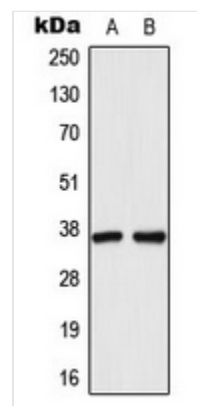
|                                                  |                                                                                                                                       |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                            |
| Specificity                                      | Recognizes endogenous levels of AKR1C1 protein.                                                                                       |
| Purity/Purification                              | The antibody was purified by immunogen affinity chromatography.                                                                       |
| Form/Format                                      | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                             |
| Sequence Length                                  | 323                                                                                                                                   |
| Applicable Applications for anti-AKR1C1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                         |
| Immunogen                                        | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human AKR1C1. The exact sequence is proprietary. |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of AKR1C1 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.



#### WB (Western Blot)

Western blot analysis of AKR1C1 expression in HeLa (A), HepG2 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                      |                                      |
|------------------------------------------------------|--------------------------------------|
| Related Product Information for anti-AKR1C1 antibody | Rabbit polyclonal antibody to AKR1C1 |
|------------------------------------------------------|--------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| NCBI GI #                        | 5453543                                                                         |
| NCBI GeneID                      | 1645                                                                            |
| NCBI Accession #                 | NP_001344.2                                                                     |
| NCBI GenBank Nucleotide #        | NM_001353.5                                                                     |
| UniProt Accession #              | Q04828; P52896; Q5SR15; Q7M4N2; Q9UCX2                                          |
| Molecular Weight                 | 36,788 Da                                                                       |
| NCBI Official Full Name          | aldo-keto reductase family 1 member C1                                          |
| NCBI Official Synonym Full Names | aldo-keto reductase family 1, member C1                                         |
| NCBI Official Symbol             | AKR1C1                                                                          |
| NCBI Official Synonym Symbols    | C9; DD1; DDH; DDH1; H-37; HBAB; MBAB; HAKRC; DD1/DD2; 2-ALPHA-HSD; 20-ALPHA-HSD |
| NCBI Protein Information         | aldo-keto reductase family 1 member C1                                          |
| UniProt Protein Name             | Aldo-keto reductase family 1 member C1                                          |
| UniProt Gene Name                | <b>AKR1C1</b>                                                                   |
| UniProt Synonym Gene Names       | DDH; DDH1; 20-alpha-HSD; DD1/DD2; HBAB                                          |
| UniProt Entry Name               | AK1C1_HUMAN                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/akr1c1-antibody-immunohistochemistry-western-blot-elisa/260152>